



Calculate the angle of the circle relative to (0,0).

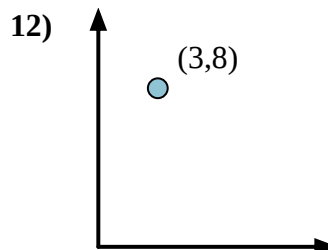
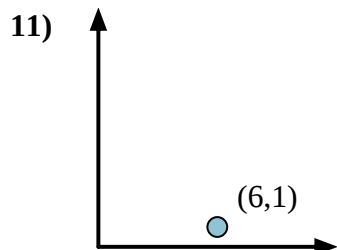
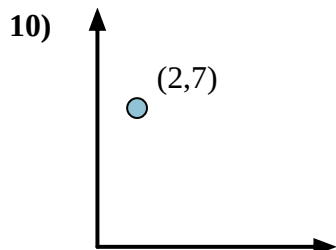
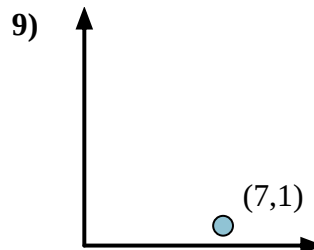
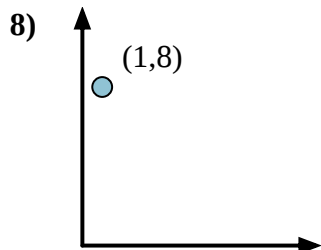
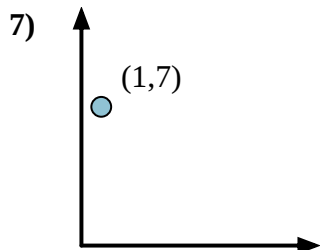
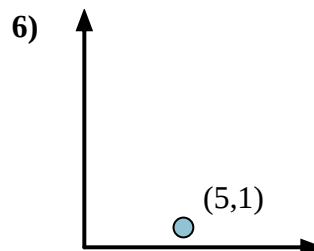
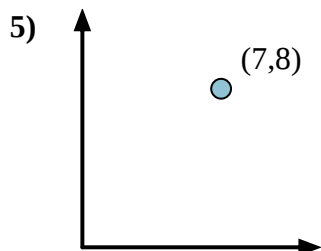
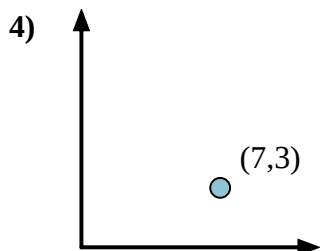
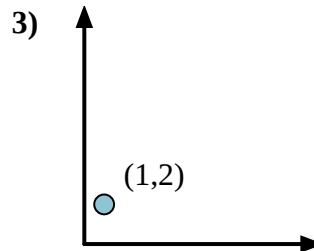
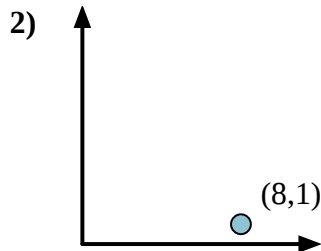
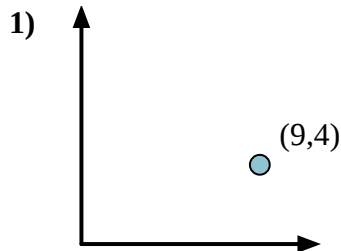
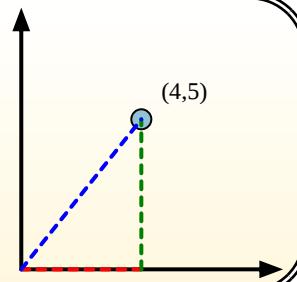
First find the slope.

$$(y_2 - y_1) \div (x_2 - x_1) = m$$

$$(5 - 0) \div (4 - 0) = 1.25$$

Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$

Answers

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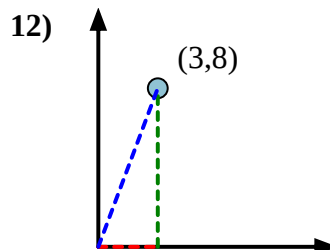
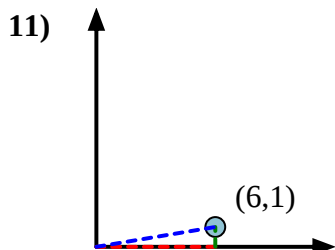
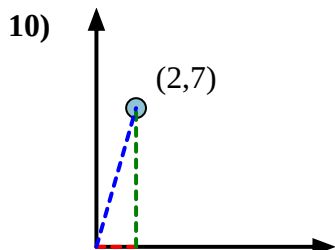
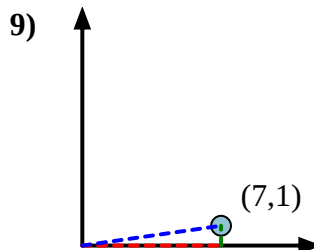
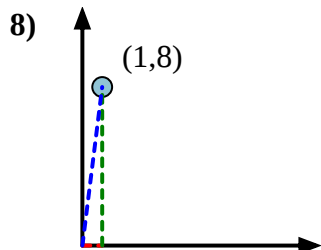
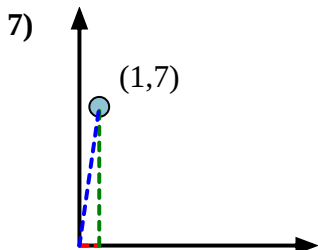
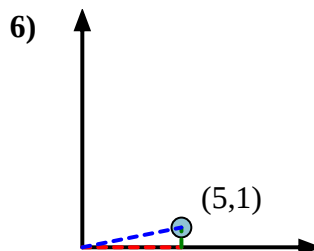
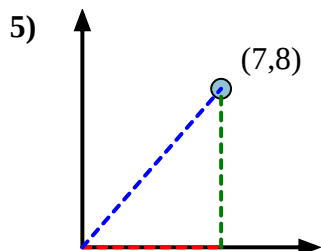
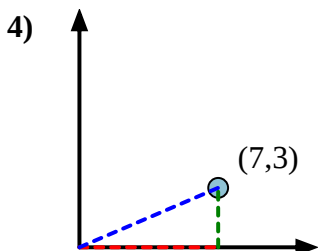
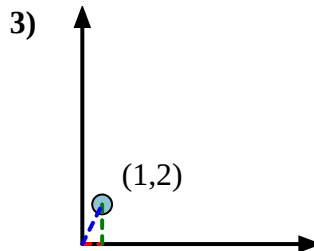
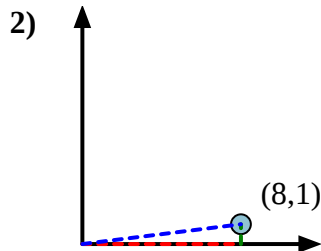
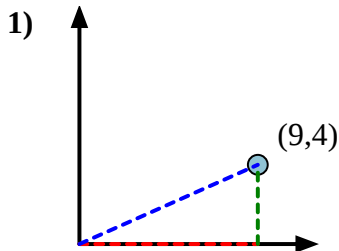
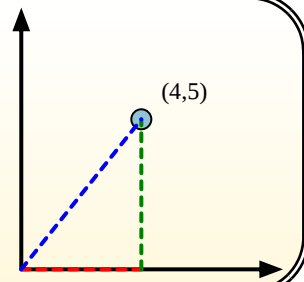
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Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$

**Answers**

1. **23.96**
2. **7.13**
3. **63.43**
4. **23.20**
5. **48.81**
6. **11.31**
7. **81.87**
8. **82.87**
9. **8.13**
10. **74.05**
11. **9.46**
12. **69.44**



Calculate the angle of the circle relative to (0,0).

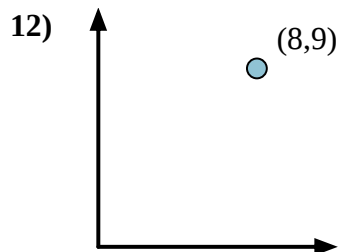
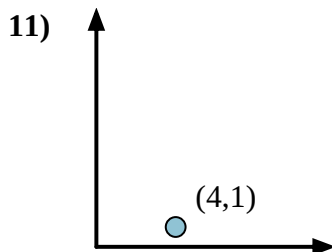
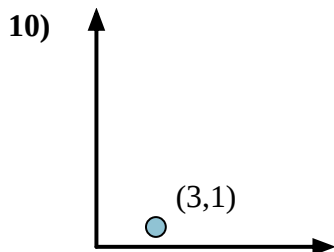
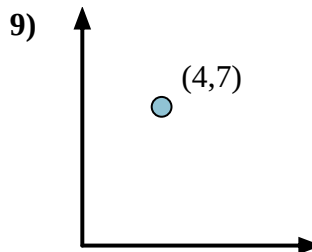
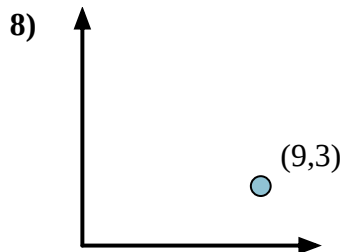
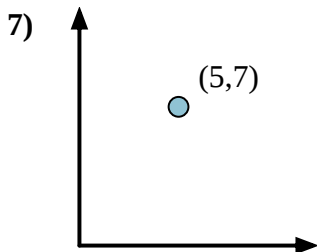
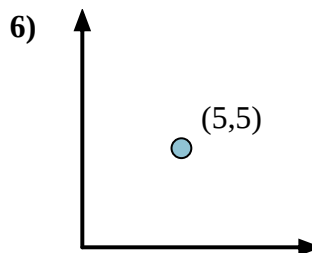
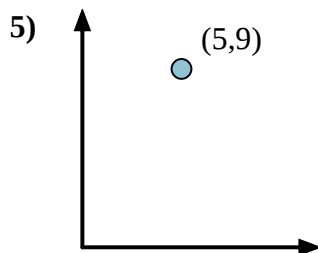
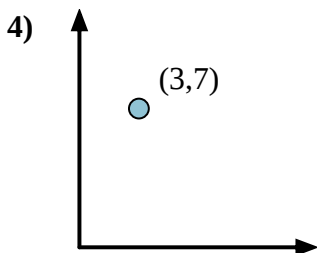
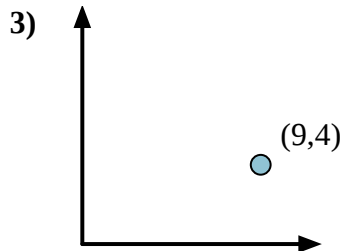
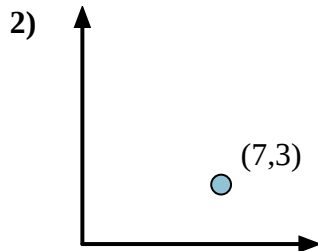
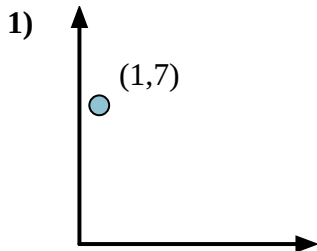
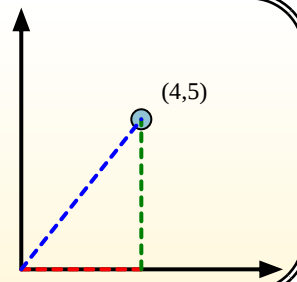
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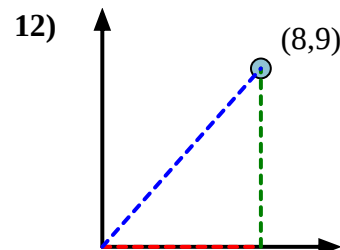
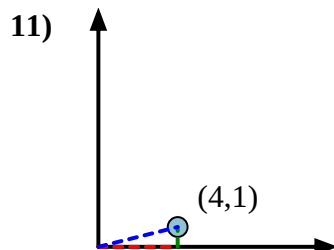
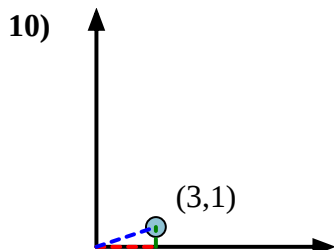
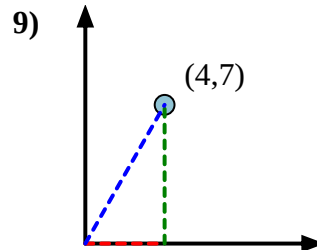
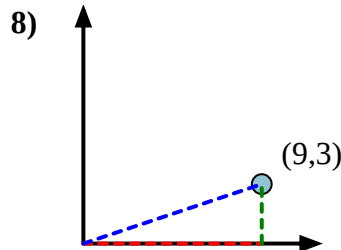
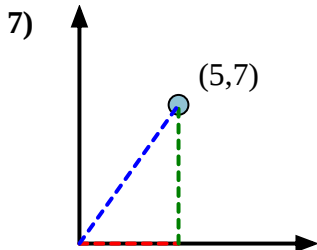
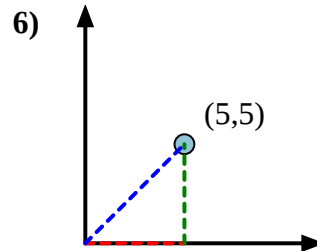
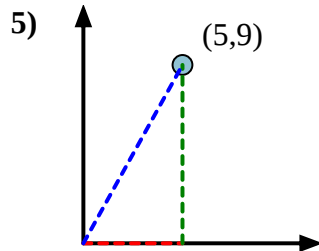
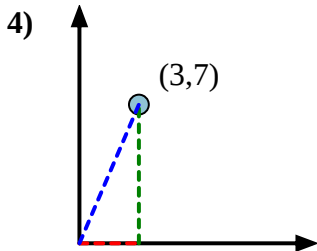
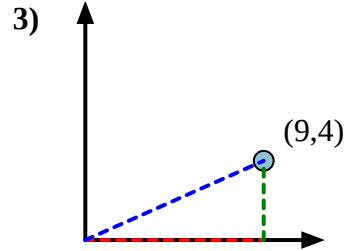
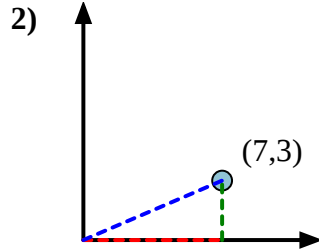
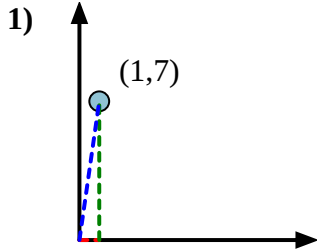
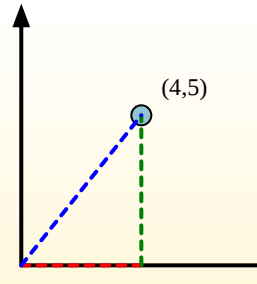
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$$\arctan(1.25) = 51.34^\circ$$

**Answers**

1. **81.87**
2. **23.20**
3. **23.96**
4. **66.80**
5. **60.95**
6. **45.00**
7. **54.46**
8. **18.43**
9. **60.26**
10. **18.43**
11. **14.04**
12. **48.37**



Calculate the angle of the circle relative to (0,0).

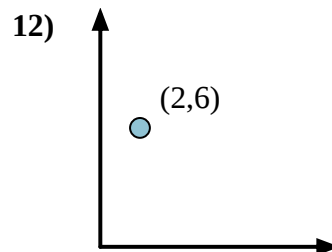
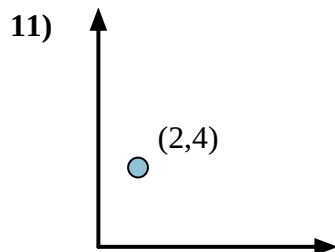
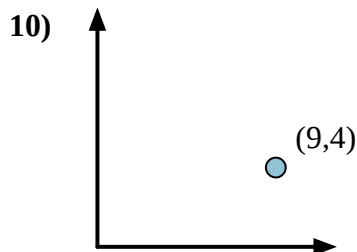
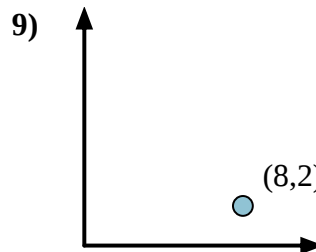
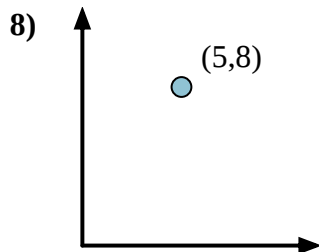
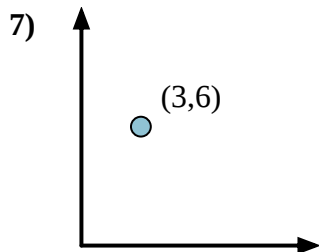
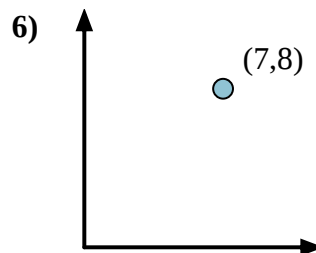
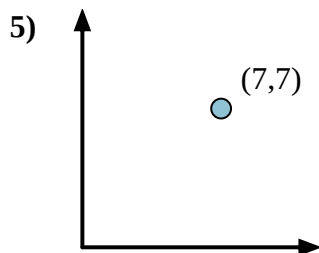
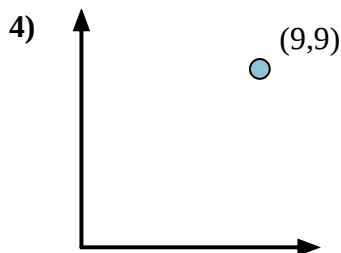
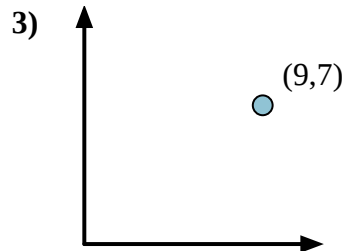
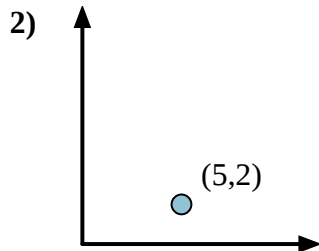
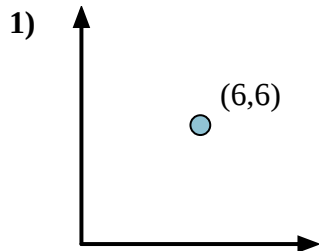
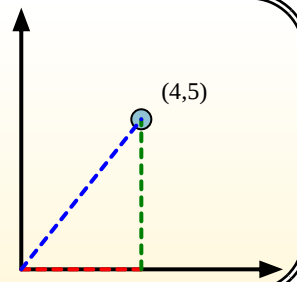
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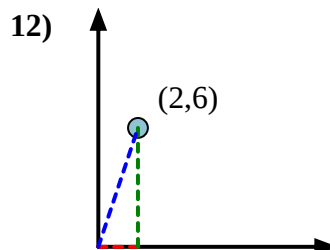
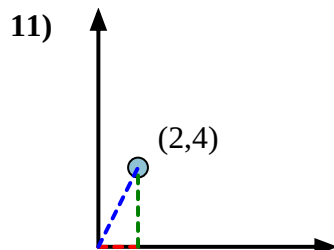
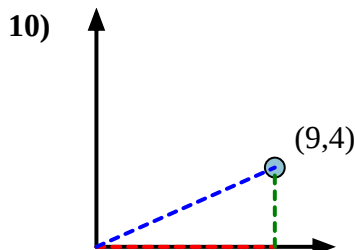
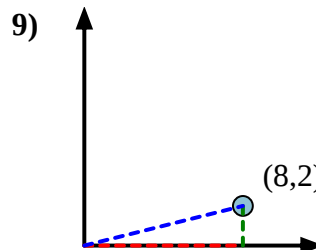
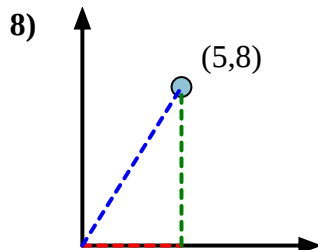
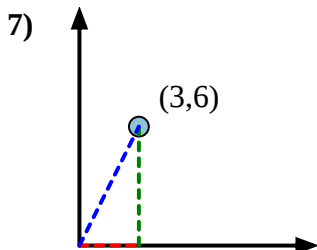
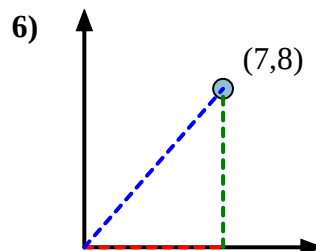
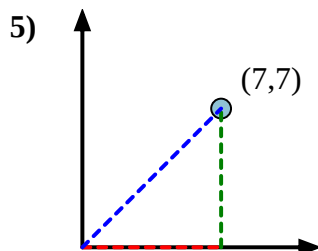
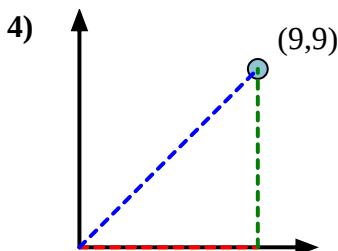
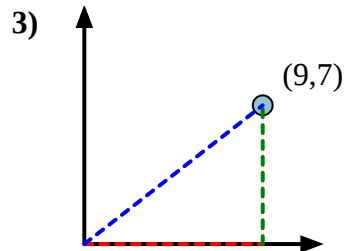
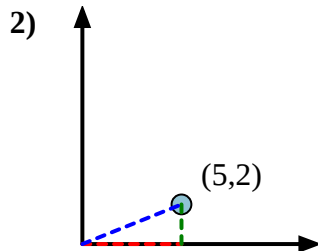
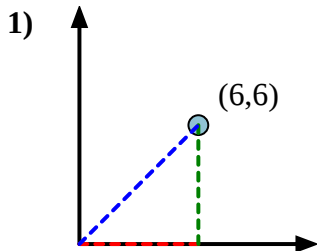
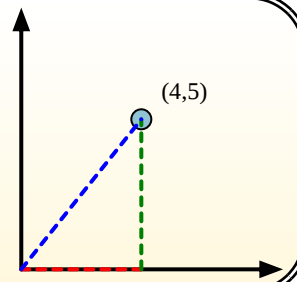
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**Answers**1. **45.00**2. **21.80**3. **37.87**4. **45.00**5. **45.00**6. **48.81**7. **63.43**8. **57.99**9. **14.04**10. **23.96**11. **63.43**12. **71.57**



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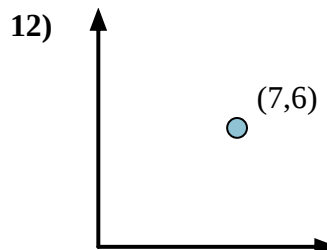
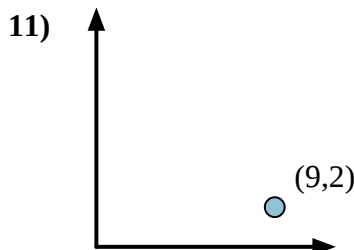
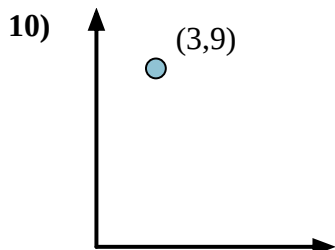
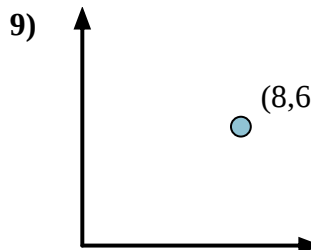
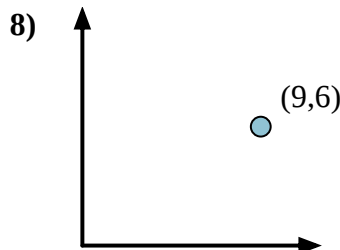
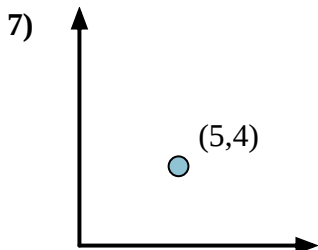
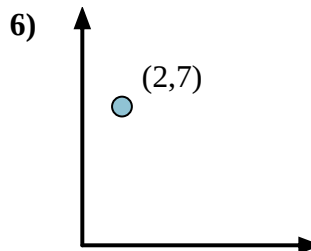
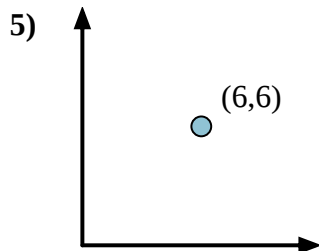
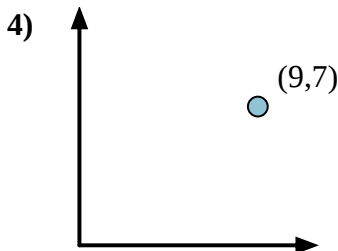
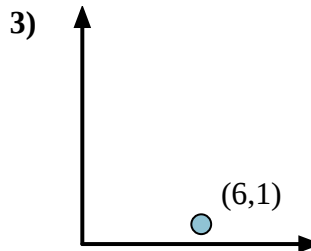
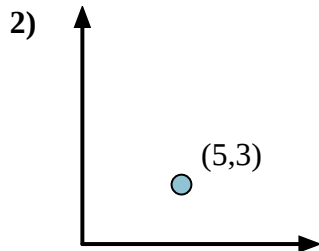
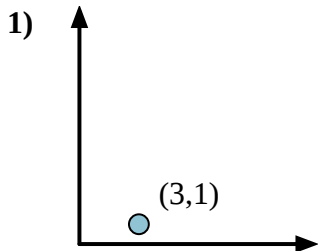
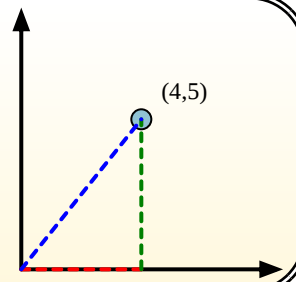
First find the slope.

$$(y_2 - y_1) \div (x_2 - x_1) = m$$

$$(5 - 0) \div (4 - 0) = 1.25$$

Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Calculate the angle of the circle relative to (0,0).

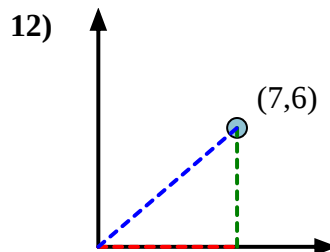
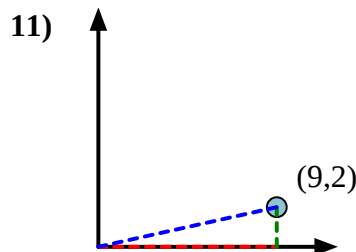
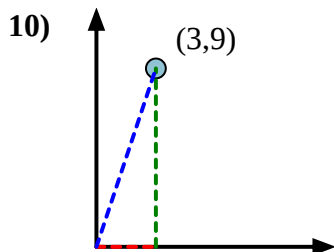
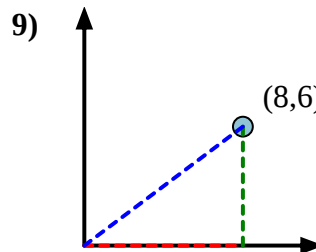
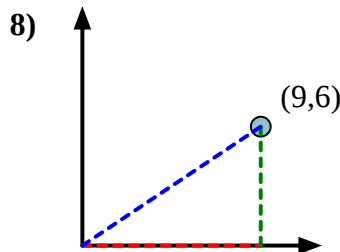
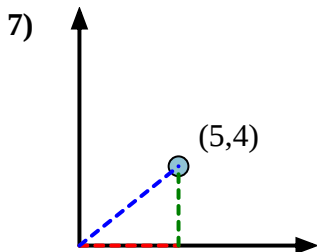
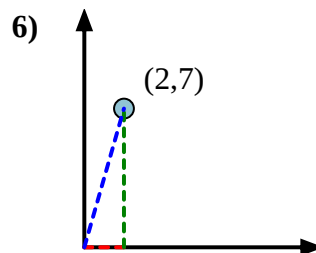
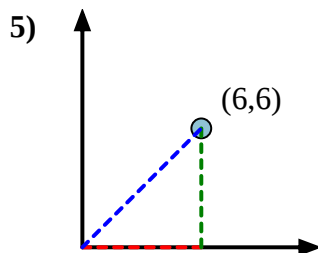
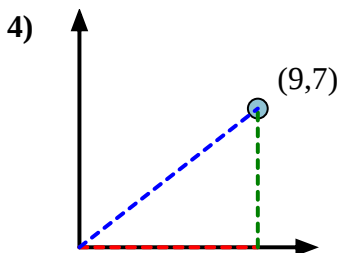
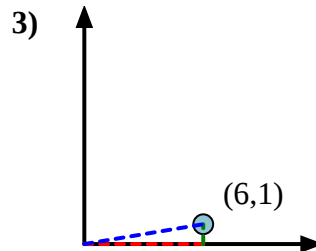
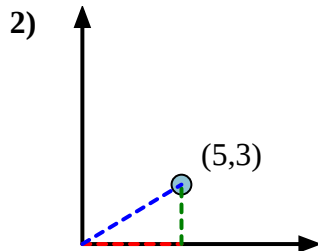
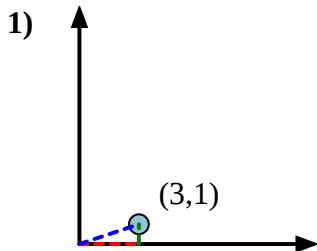
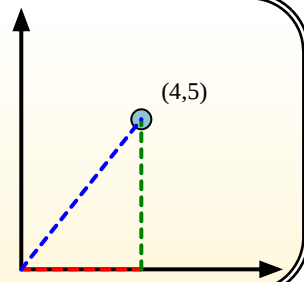
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**Answers**1. **18.43**2. **30.96**3. **9.46**4. **37.87**5. **45.00**6. **74.05**7. **38.66**8. **33.69**9. **36.87**10. **71.57**11. **12.53**12. **40.60**



Calculate the angle of the circle relative to (0,0).

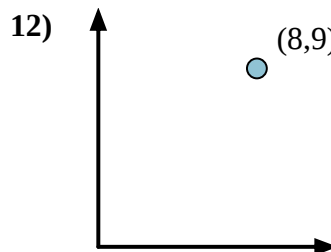
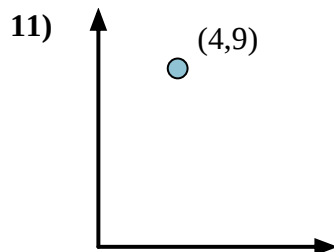
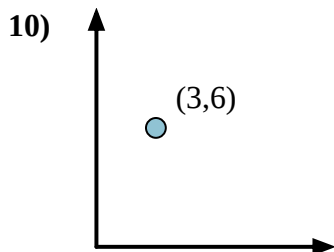
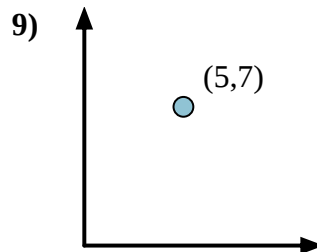
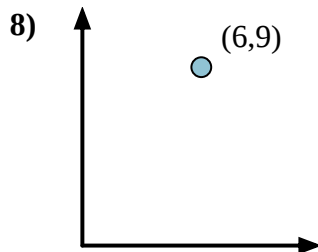
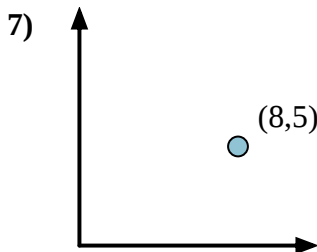
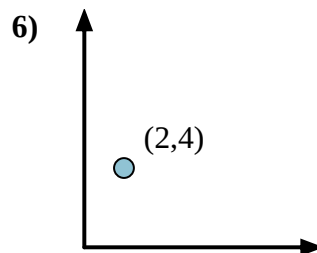
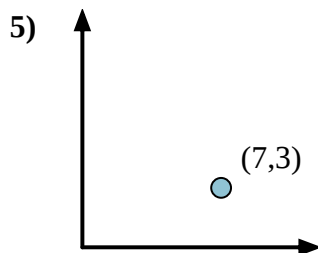
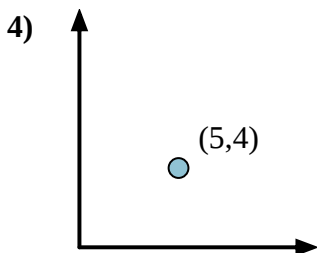
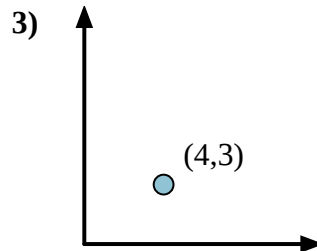
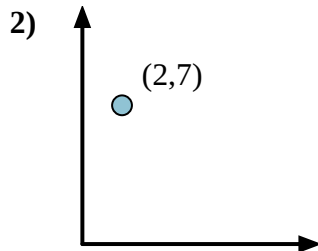
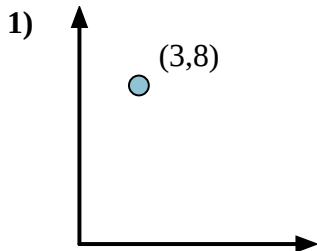
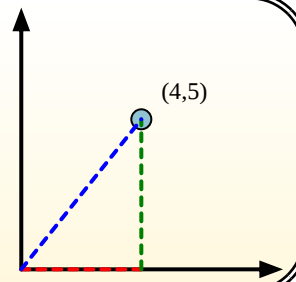
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Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$

Answers

1. _____
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Calculate the angle of the circle relative to (0,0).

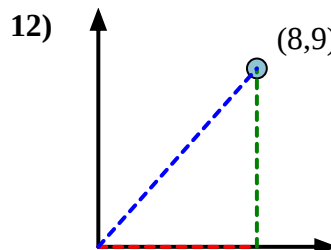
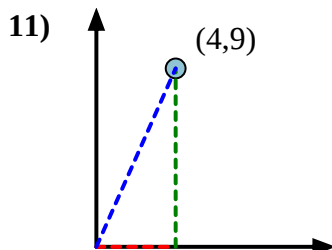
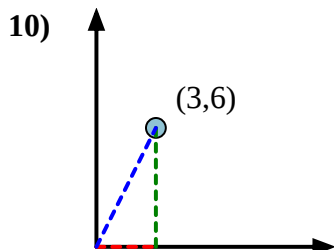
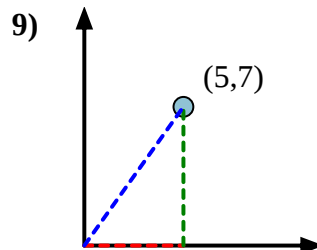
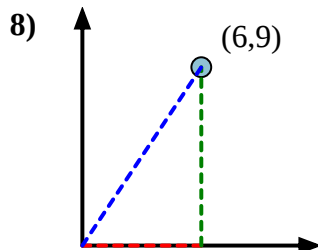
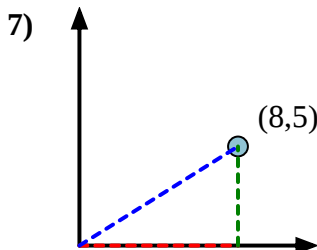
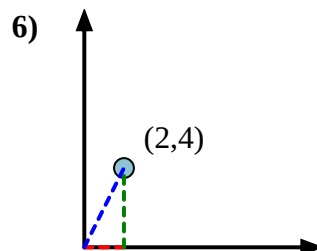
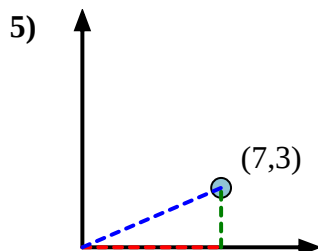
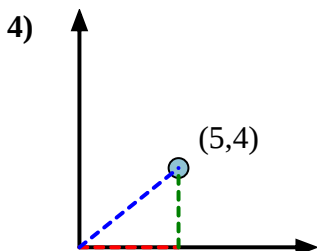
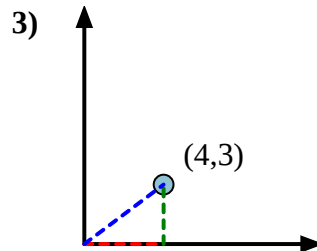
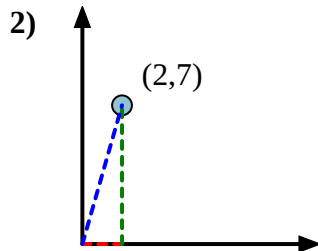
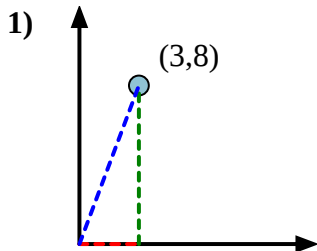
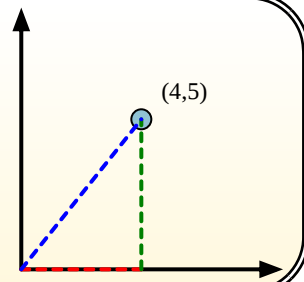
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**Answers**1. **69.44**2. **74.05**3. **36.87**4. **38.66**5. **23.20**6. **63.43**7. **32.01**8. **56.31**9. **54.46**10. **63.43**11. **66.04**12. **48.37**



Calculate the angle of the circle relative to (0,0).

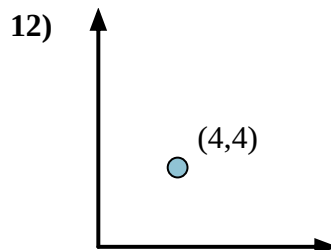
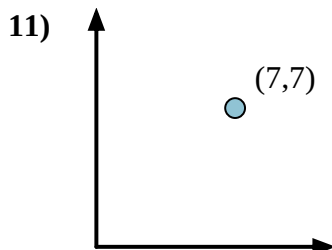
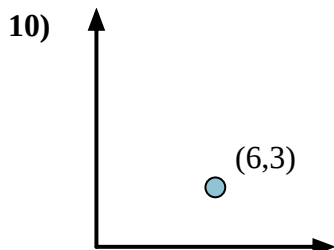
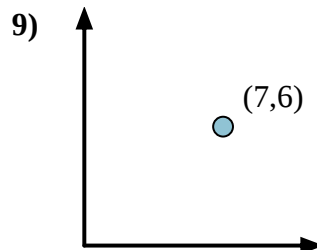
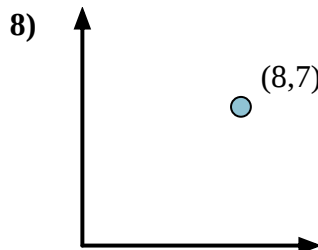
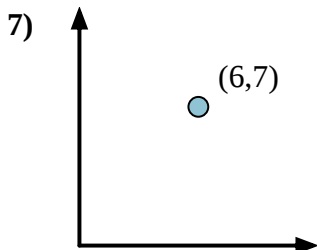
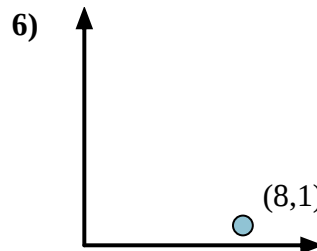
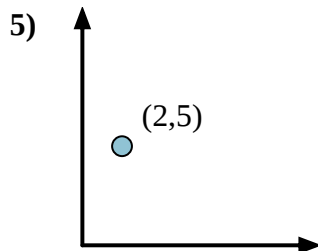
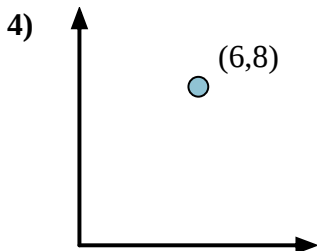
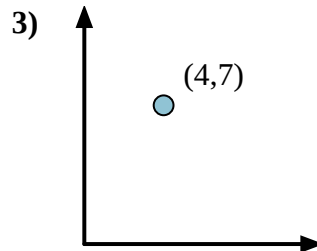
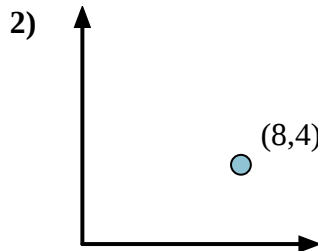
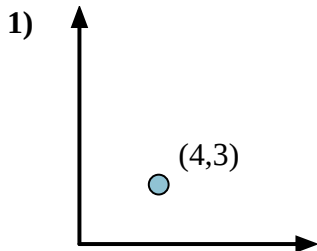
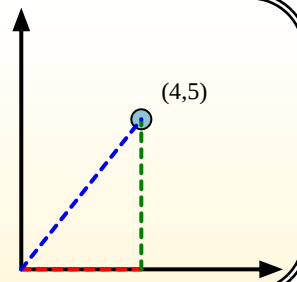
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Calculate the angle of the circle relative to (0,0).

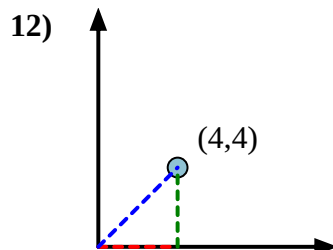
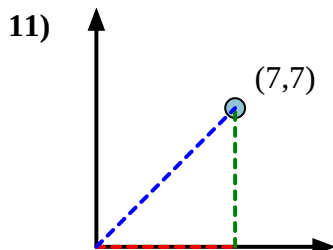
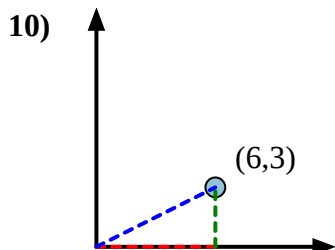
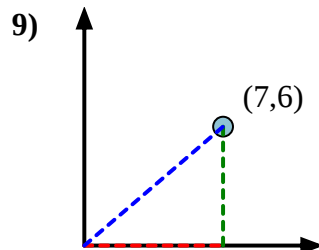
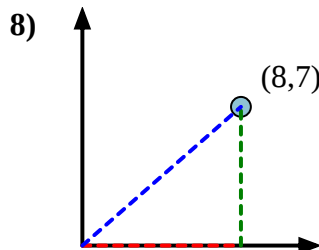
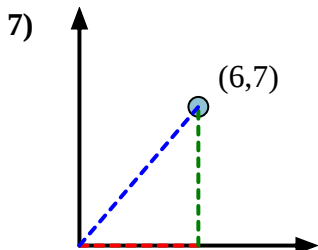
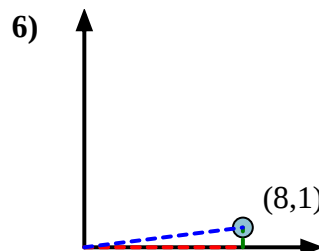
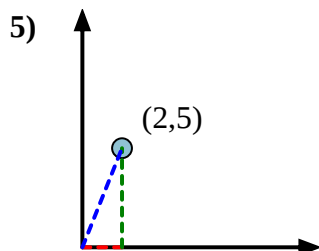
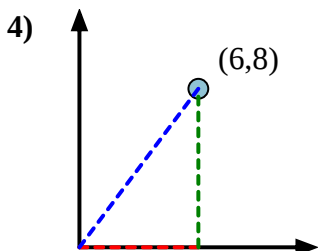
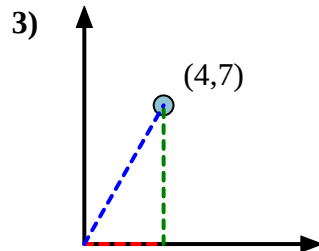
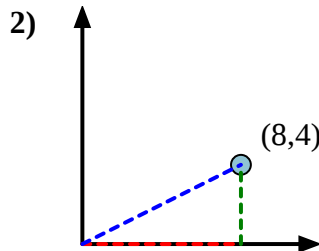
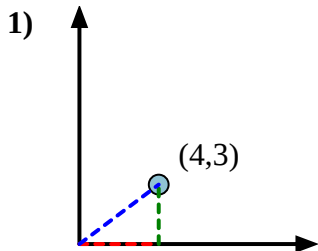
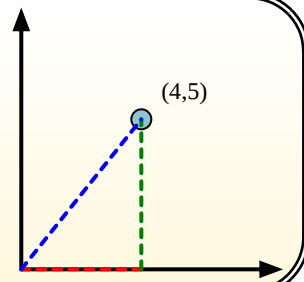
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**Answers**1. **36.87**2. **26.57**3. **60.26**4. **53.13**5. **68.20**6. **7.13**7. **49.40**8. **41.19**9. **40.60**10. **26.57**11. **45.00**12. **45.00**



Calculate the angle of the circle relative to (0,0).

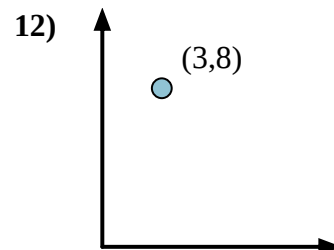
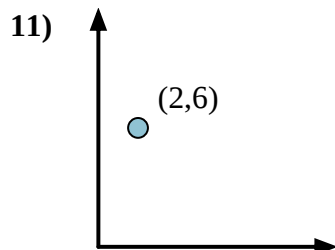
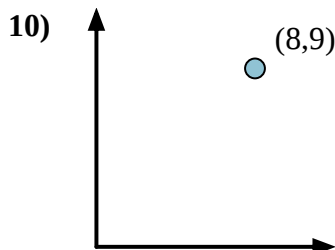
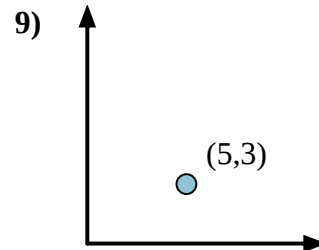
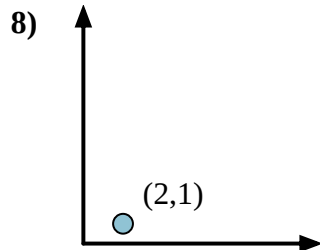
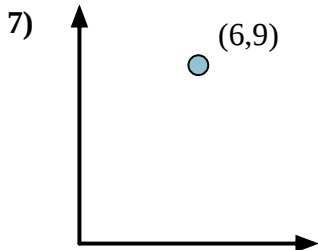
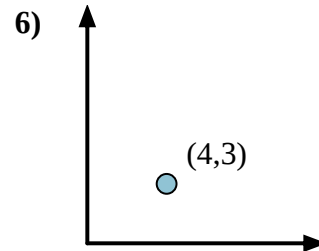
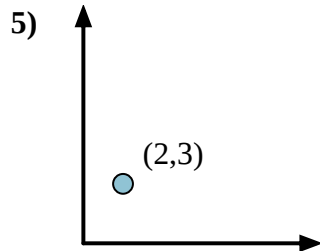
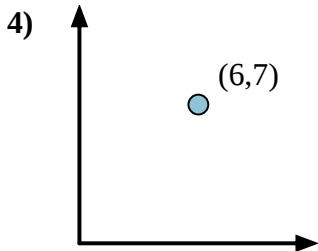
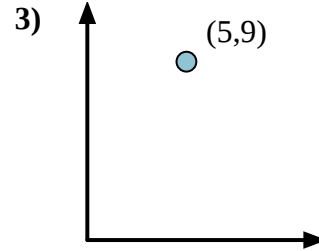
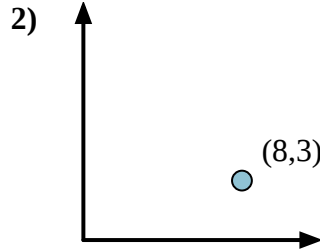
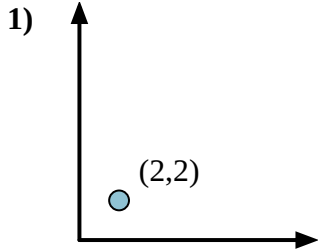
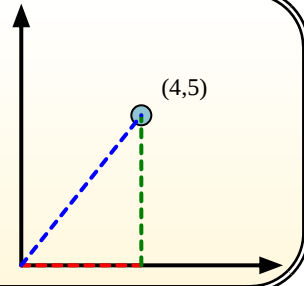
First find the slope.

$$(y_2 - y_1) \div (x_2 - x_1) = m$$

$$(5 - 0) \div (4 - 0) = 1.25$$

Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Calculate the angle of the circle relative to (0,0).

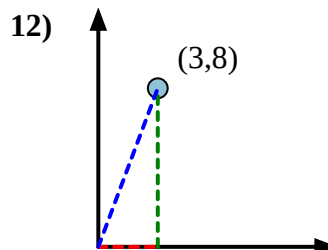
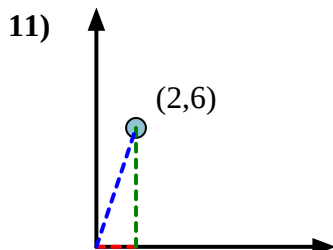
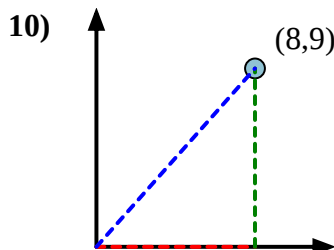
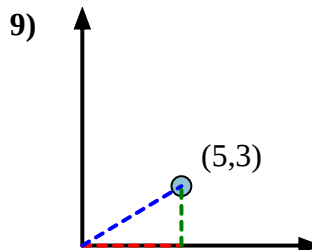
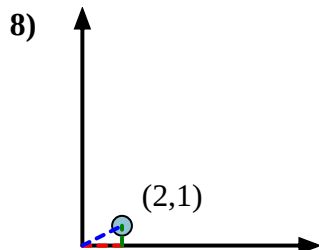
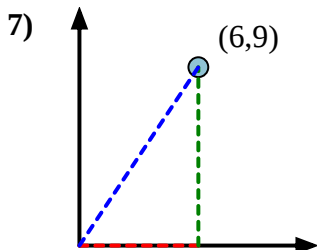
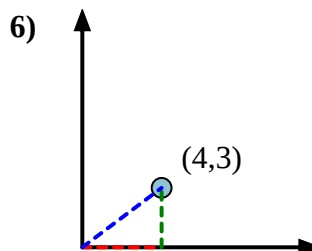
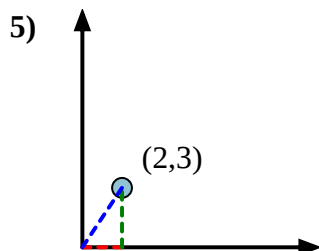
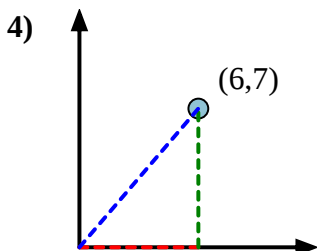
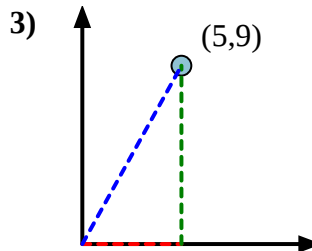
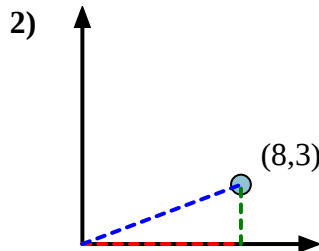
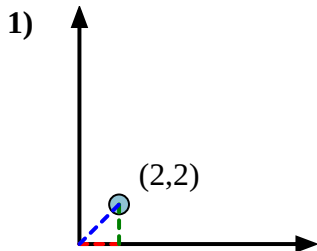
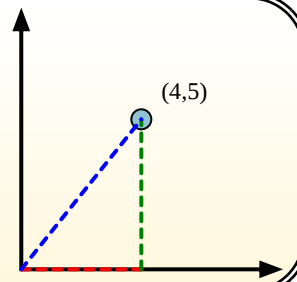
First find the slope.

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Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$

**Answers**1. **45.00**2. **20.56**3. **60.95**4. **49.40**5. **56.31**6. **36.87**7. **56.31**8. **26.57**9. **30.96**10. **48.37**11. **71.57**12. **69.44**



Calculate the angle of the circle relative to (0,0).

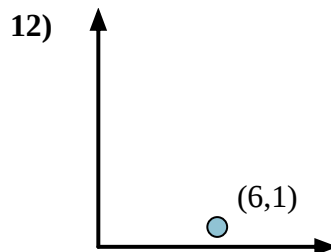
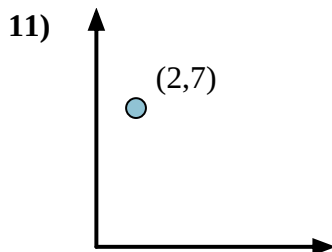
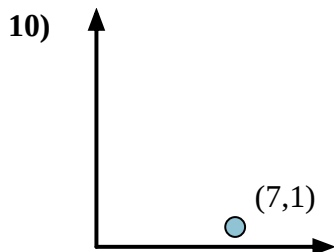
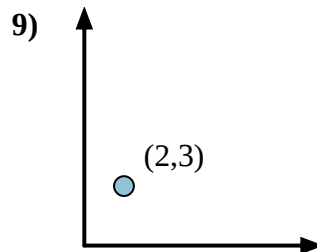
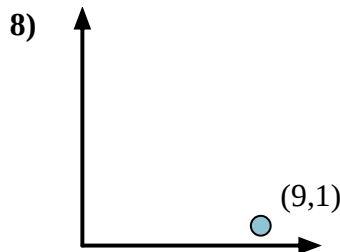
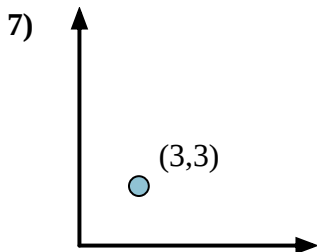
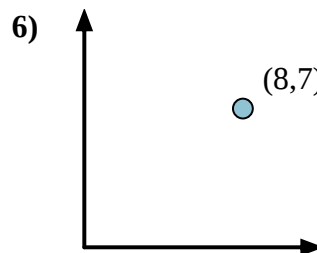
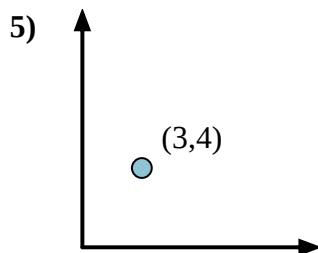
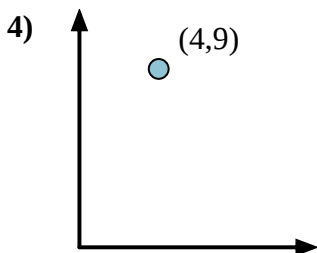
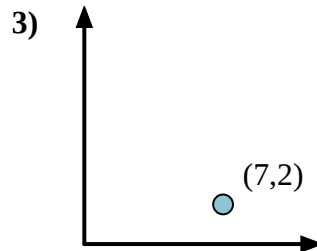
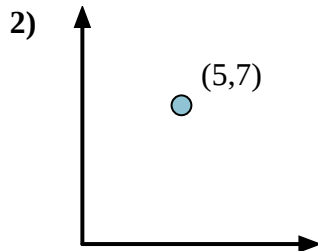
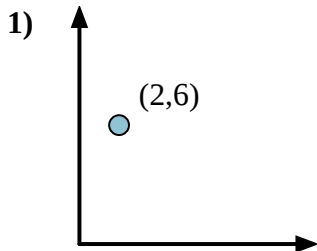
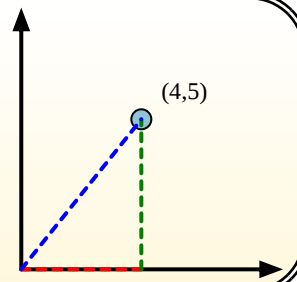
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Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$

Answers

1. _____
2. _____
3. _____
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5. _____
6. _____
7. _____
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9. _____
10. _____
11. _____
12. _____



Calculate the angle of the circle relative to (0,0).

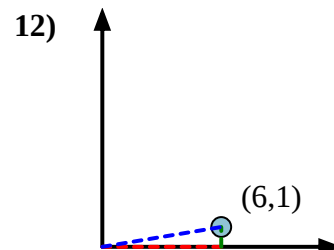
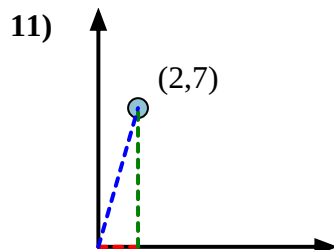
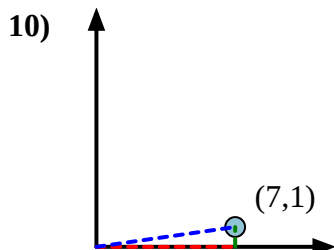
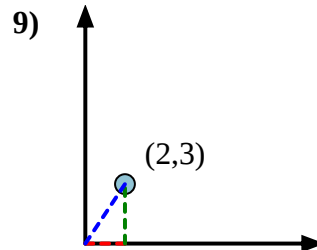
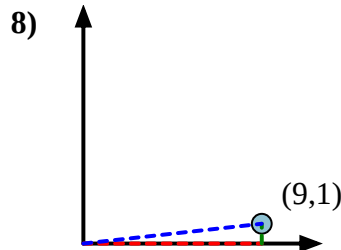
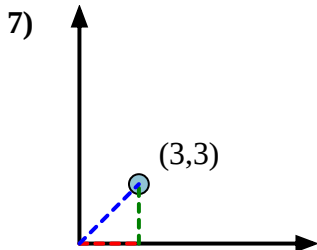
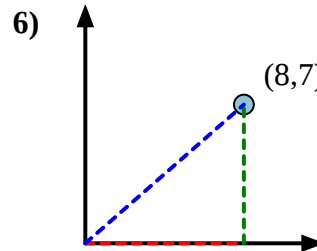
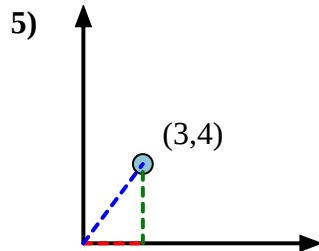
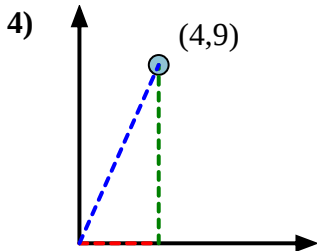
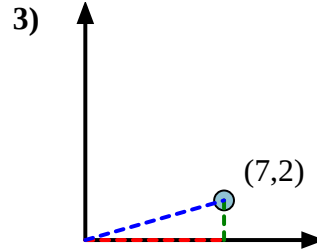
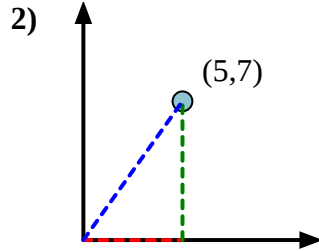
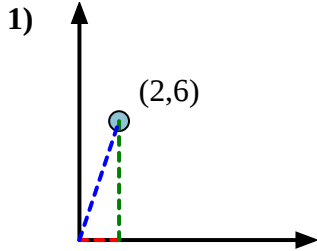
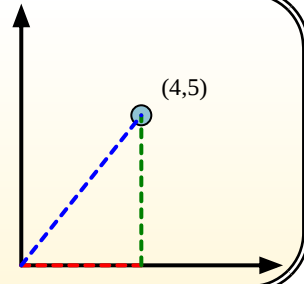
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$$(5 - 0) \div (4 - 0) = 1.25$$

Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$

**Answers**

1. **71.57**
2. **54.46**
3. **15.95**
4. **66.04**
5. **53.13**
6. **41.19**
7. **45.00**
8. **6.34**
9. **56.31**
10. **8.13**
11. **74.05**
12. **9.46**



Calculate the angle of the circle relative to (0,0).

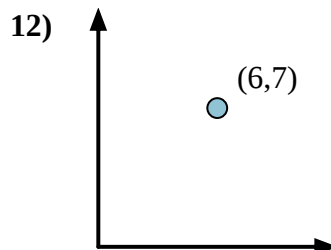
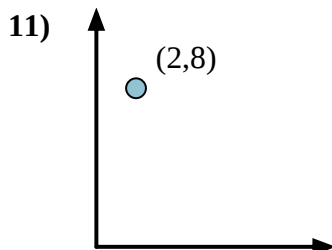
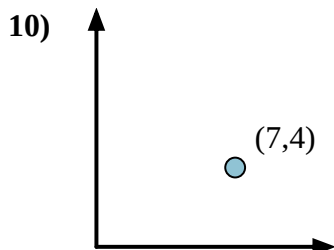
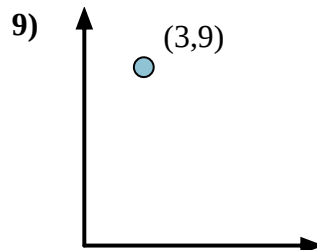
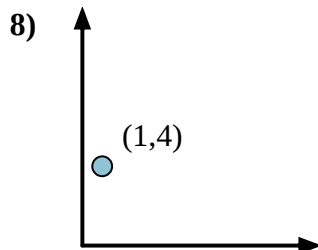
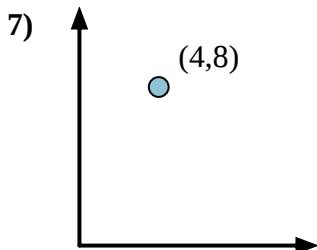
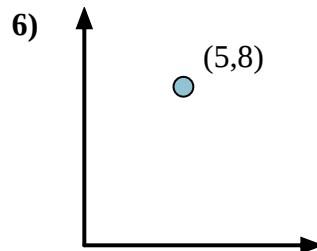
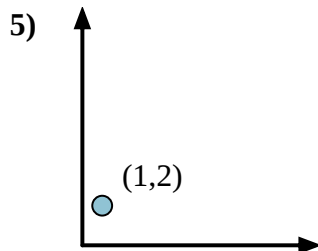
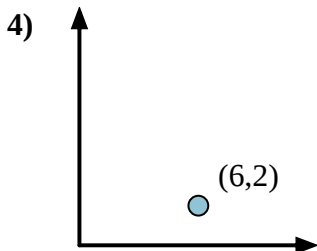
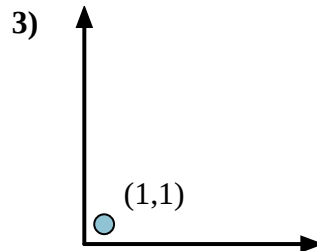
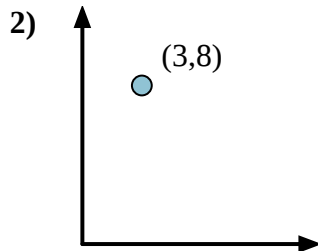
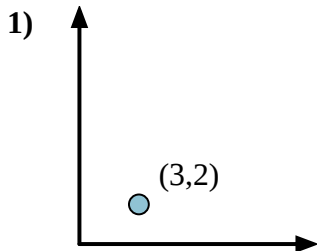
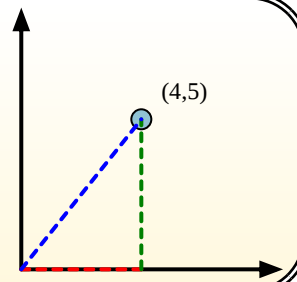
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Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
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12. _____



Calculate the angle of the circle relative to (0,0).

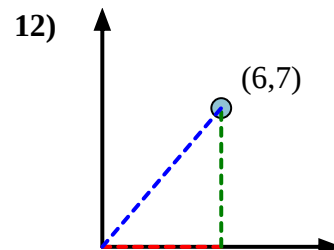
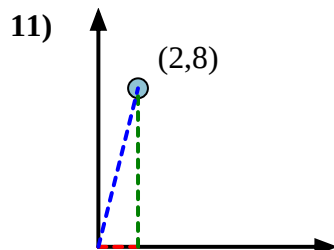
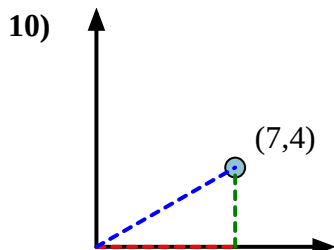
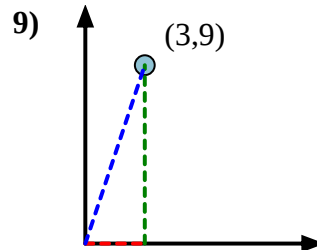
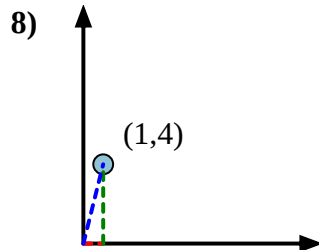
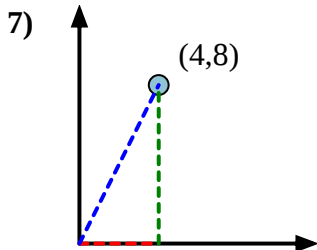
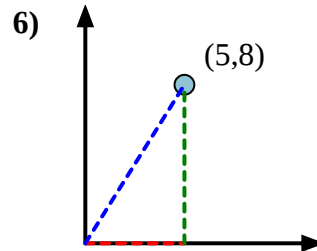
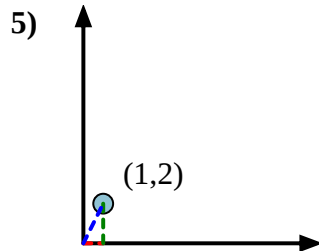
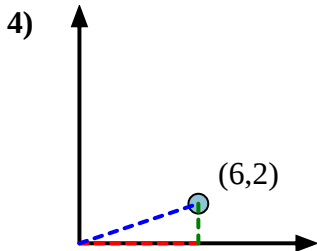
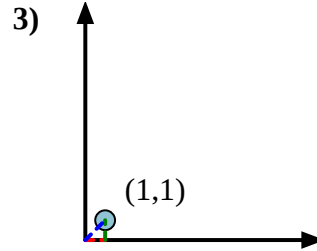
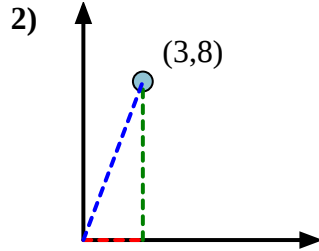
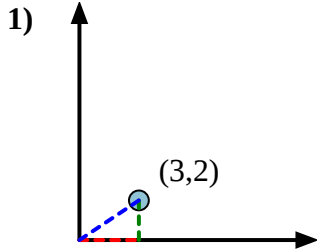
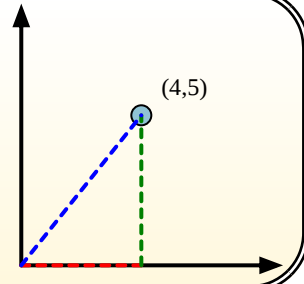
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Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$

**Answers**

1. **33.69**
2. **69.44**
3. **45.00**
4. **18.43**
5. **63.43**
6. **57.99**
7. **63.43**
8. **75.96**
9. **71.57**
10. **29.74**
11. **75.96**
12. **49.40**



Calculate the angle of the circle relative to (0,0).

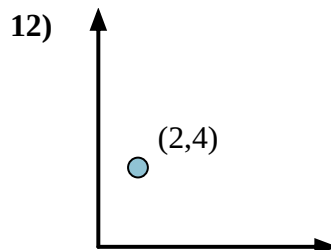
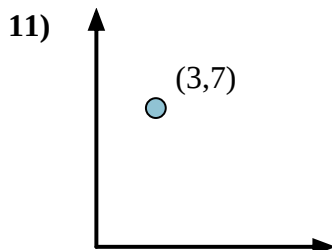
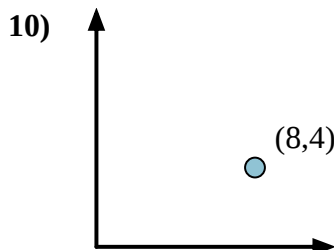
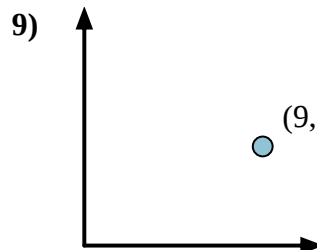
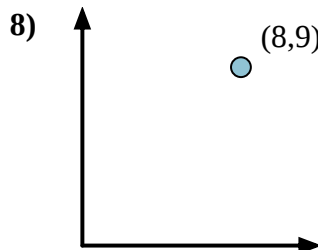
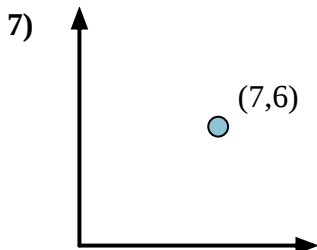
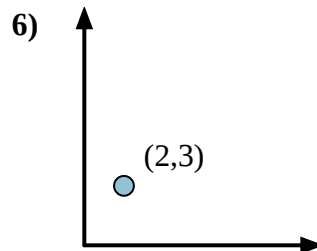
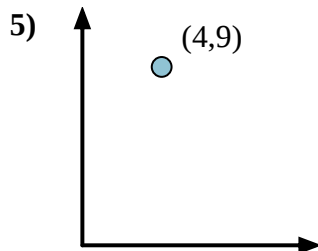
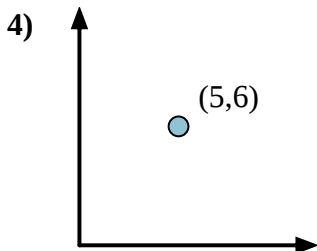
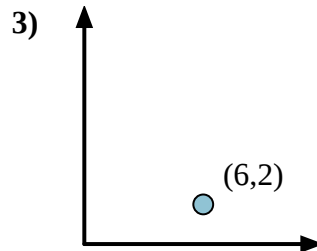
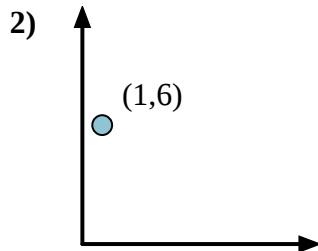
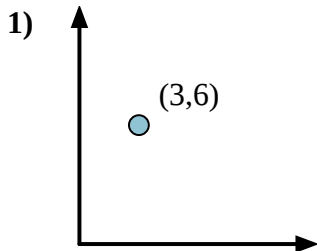
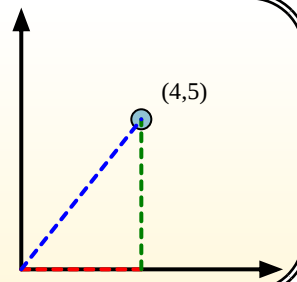
First find the slope.

$$(y_2 - y_1) \div (x_2 - x_1) = m$$

$$(5 - 0) \div (4 - 0) = 1.25$$

Then find the arc tangent (aka. inverse tangent) of the slope.

$$\arctan(1.25) = 51.34^\circ$$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



Calculate the angle of the circle relative to (0,0).

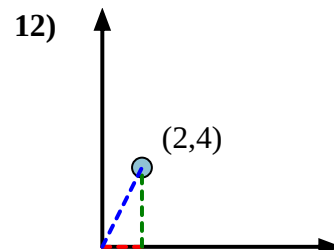
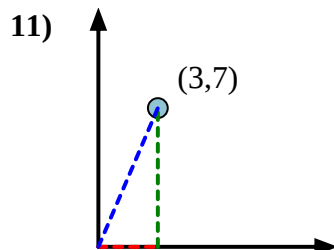
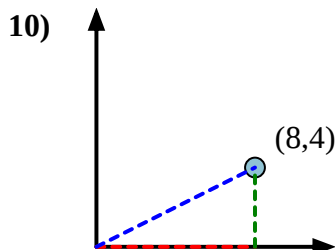
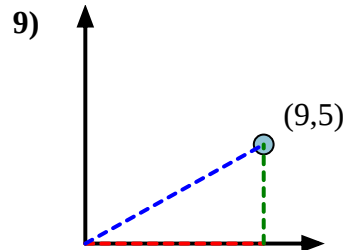
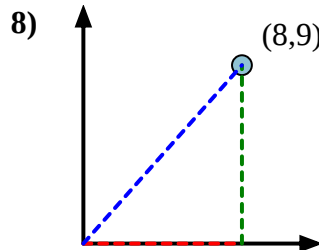
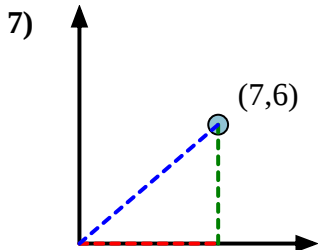
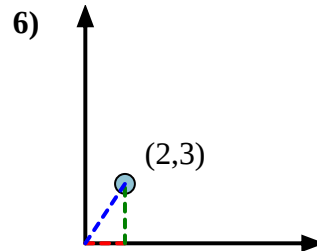
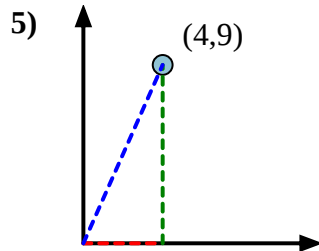
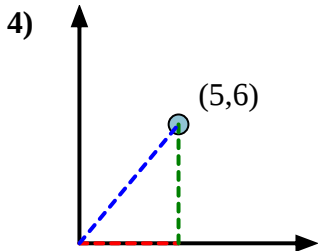
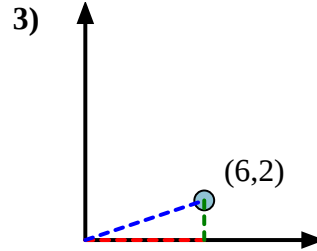
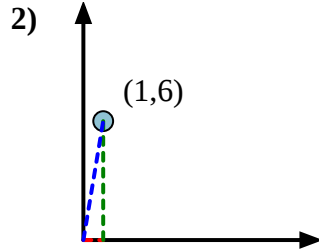
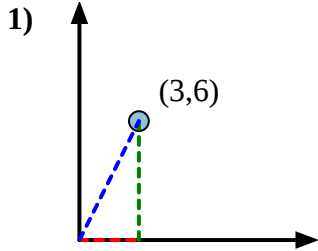
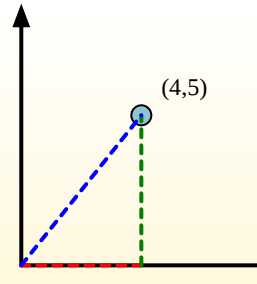
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$$\arctan(1.25) = 51.34^\circ$$

**Answers**

1. **63.43**
2. **80.54**
3. **18.43**
4. **50.19**
5. **66.04**
6. **56.31**
7. **40.60**
8. **48.37**
9. **29.05**
10. **26.57**
11. **66.80**
12. **63.43**