



## Answers

10

2.

3.

4.

5.

6.

7.

8.

9.

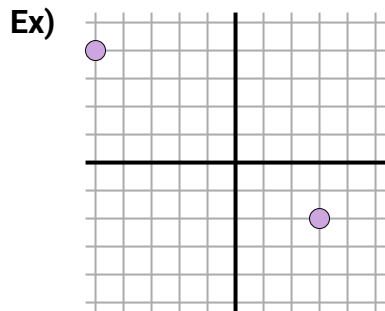
10.

11.

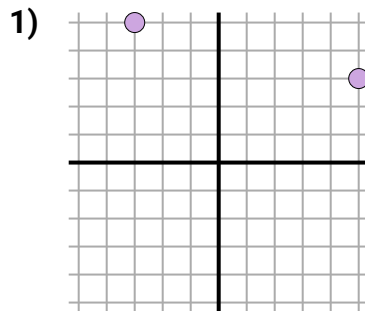
A coordinate plane with x and y axes ranging from -6 to 6. A line passes through the points  $(-4, 0)$  and  $(0, 2)$ . The line is labeled with the equation  $y = \frac{1}{2}x + 2$ .



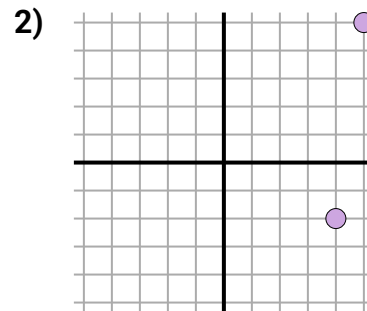
Find the distance between points. Round your answer to the nearest tenth.



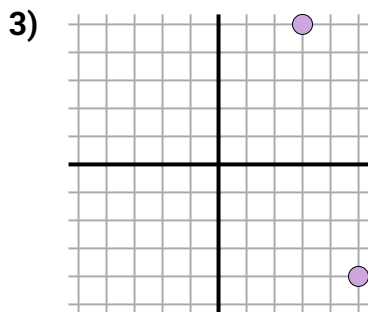
$$\sqrt{(3-5)^2 + (-2-4)^2}$$
$$\sqrt{(64) + (36)}$$



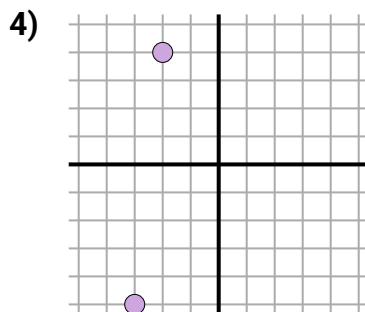
$$\sqrt{(5-3)^2 + (3-5)^2}$$
$$\sqrt{(64) + (4)}$$



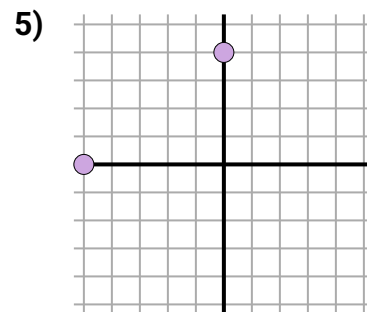
$$\sqrt{(4-5)^2 + (-2-5)^2}$$
$$\sqrt{(1) + (49)}$$



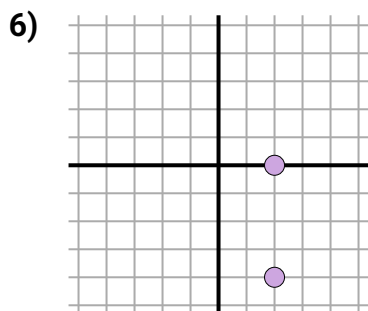
$$\sqrt{(5-3)^2 + (-4-5)^2}$$
$$\sqrt{(4) + (81)}$$



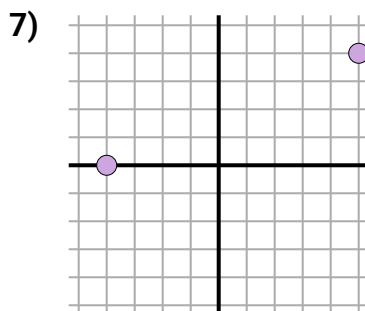
$$\sqrt{(-2-3)^2 + (4-5)^2}$$
$$\sqrt{(1) + (81)}$$



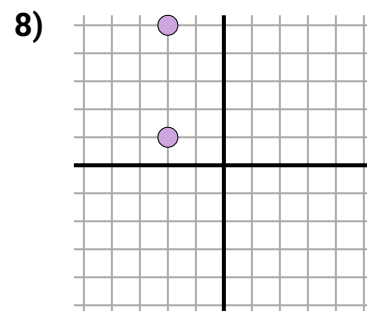
$$\sqrt{(0-5)^2 + (4-0)^2}$$
$$\sqrt{(25) + (16)}$$



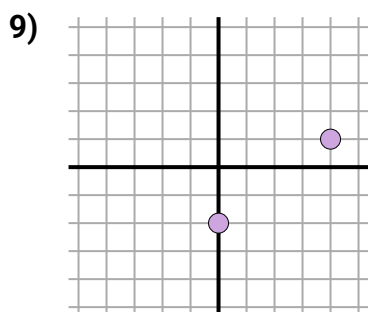
$$\sqrt{(2-2)^2 + (-4-0)^2}$$
$$\sqrt{(0) + (16)}$$



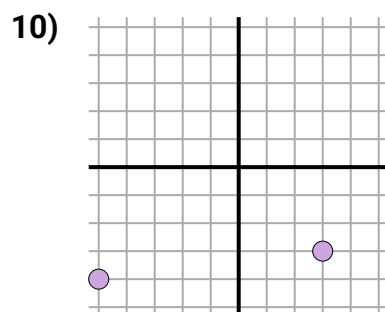
$$\sqrt{(-4-5)^2 + (0-4)^2}$$
$$\sqrt{(81) + (16)}$$



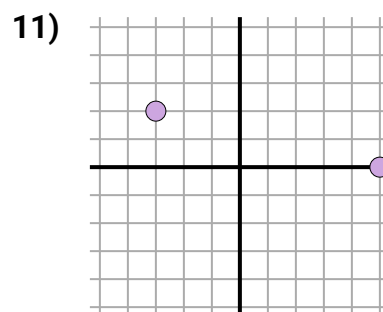
$$\sqrt{(-2-2)^2 + (1-5)^2}$$
$$\sqrt{(0) + (16)}$$



$$\sqrt{(4-0)^2 + (1-2)^2}$$
$$\sqrt{(16) + (9)}$$



$$\sqrt{(-5-3)^2 + (-4-3)^2}$$
$$\sqrt{(64) + (1)}$$



$$\sqrt{(-3-5)^2 + (2-0)^2}$$
$$\sqrt{(64) + (4)}$$

**Answers**Ex. **10**1. **8.2**2. **7.1**3. **9.2**4. **9.1**5. **6.4**6. **4**7. **9.8**8. **4**9. **5**10. **8.1**11. **8.2**