Solve each problem.

1) Express the shaded portion as a decimal of the whole.

2) Express the un-shaded portion as a decimal of the whole.

3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

4) Express the shaded portion as a decimal of the whole.

5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the un-shaded portion as a decimal of the whole.
Solve each problem.

1) Express the shaded portion as a decimal of the whole.

2) Express the un-shaded portion as a decimal of the whole.

3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

4) Express the shaded portion as a decimal of the whole.

5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the un-shaded portion as a decimal of the whole.

Answers

1. 0.55
2. 0.35
3. \( \frac{50}{100} \)
4. 6.0
5. \( \frac{95}{100} \)
6. \( \frac{30}{100} \)
7. \( \frac{35}{100} \)
8. 0.50
Solve each problem.

1) Express the shaded portion as a decimal of the whole.

2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

3) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

5) Express the un-shaded portion as a decimal of the whole.

6) Express the shaded portion as a decimal of the whole.

7) Express the un-shaded portion as a decimal of the whole.

8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

Answers

1. ________
2. ________
3. ________
4. ________
5. ________
6. ________
7. ________
8. ________
1) Express the shaded portion as a decimal of the whole.

2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

3) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

5) Express the un-shaded portion as a decimal of the whole.

6) Express the shaded portion as a decimal of the whole.

7) Express the un-shaded portion as a decimal of the whole.

8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

Answers

1. 0.80
2. 60/100
3. 15/100
4. 85/100
5. 0.05
6. 0.75
7. 0.55
8. 80/100

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Solve each problem.

1) Express the un-shaded portion as a decimal of the whole.

2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

3) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

5) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

6) Express the un-shaded portion as a decimal of the whole.

7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the shaded portion as a decimal of the whole.

**Answers**

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. }

1-8 88 75 63 50 38 25 13 0
Solve each problem.

1) Express the un-shaded portion as a decimal of the whole.

2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

3) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

5) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

6) Express the un-shaded portion as a decimal of the whole.

7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the shaded portion as a decimal of the whole.

Answers

1. 0.10
2. 20/100
3. 60/100
4. 85/100
5. 3/10
6. 0.65
7. 40/100
8. 0.75
Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

2) Express the shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a decimal of the whole.

4) Express the un-shaded portion as a decimal of the whole.

5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the un-shaded portion as a decimal of the whole.

Answers:

1. ___________
2. ___________
3. ___________
4. ___________
5. ___________
6. ___________
7. ___________
8. ___________
Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

2) Express the shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a decimal of the whole.

4) Express the un-shaded portion as a decimal of the whole.

5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the un-shaded portion as a decimal of the whole.
Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

2) Express the shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a decimal of the whole.

4) Express the shaded portion as a decimal of the whole.

5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the shaded portion as a decimal of the whole.

7) Express the shaded portion as a decimal of the whole.

8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

Answers

1. \[ \frac{15}{100} \]

2. 0.25

3. 0.90

4. 0.45

5. \[ \frac{45}{100} \]

6. 0.70

7. 0.55

8. \[ \frac{20}{100} \]
Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

2) Express the shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a decimal of the whole.

4) Express the shaded portion as a decimal of the whole.

5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the shaded portion as a decimal of the whole.

7) Express the shaded portion as a decimal of the whole.

8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

Answers

1. \( \frac{15}{100} \)
2. 0.25
3. 0.90
4. 0.45
5. \( \frac{45}{100} \)
6. 0.70
7. 0.55
8. \( \frac{20}{100} \)
Solve each problem.

1) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

2) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

4) Express the un-shaded portion as a decimal of the whole.

5) Express the shaded portion as a decimal of the whole.

6) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the shaded portion as a fraction of the whole with a 10 as the denominator.

Answers

1. \(\frac{8}{10}\)

2. \(\frac{7}{10}\)

3. \(\frac{85}{100}\)

4. 0.25

5. 0.70

6. \(\frac{25}{100}\)

7. \(\frac{55}{100}\)

8. \(\frac{1}{10}\)
Solve each problem.

1) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

2) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

3) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

4) Express the un-shaded portion as a decimal of the whole.

5) Express the shaded portion as a decimal of the whole.

6) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the shaded portion as a fraction of the whole with a 10 as the denominator.

Answers

1. \( \frac{8}{10} \)
2. \( \frac{7}{10} \)
3. \( \frac{85}{100} \)
4. 0.25
5. 0.70
6. \( \frac{25}{100} \)
7. \( \frac{55}{100} \)
8. \( \frac{1}{10} \)
Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

2) Express the shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the un-shaded portion as a decimal of the whole.

7) Express the shaded portion as a fraction of the whole with a 10 as the denominator.

8) Express the shaded portion as a decimal of the whole.

Answers

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

Expressing Fractions and Decimals from a Number Wheel

Math www.CommonCoreSheets.com
Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

2) Express the shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the un-shaded portion as a decimal of the whole.

7) Express the shaded portion as a fraction of the whole with a 10 as the denominator.

8) Express the shaded portion as a decimal of the whole.

Answers

1. \(\frac{15}{100}\)
2. 1.0
3. \(\frac{20}{100}\)
4. \(\frac{20}{100}\)
5. \(\frac{95}{100}\)
6. 0.85
7. \(\frac{7}{10}\)
8. 0.40
Solve each problem.

1) Express the shaded portion as a decimal of the whole.

2) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

3) Express the shaded portion as a decimal of the whole.

4) Express the un-shaded portion as a decimal of the whole.

5) Express the shaded portion as a decimal of the whole.

6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

Answers

1. 

2. 

3. 

4. 

5. 

6. 

7. 

8. 

Solve each problem.

1) Express the shaded portion as a decimal of the whole.
   ![Diagram](image1)

2) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.
   ![Diagram](image2)

3) Express the shaded portion as a decimal of the whole.
   ![Diagram](image3)

4) Express the un-shaded portion as a decimal of the whole.
   ![Diagram](image4)

5) Express the shaded portion as a decimal of the whole.
   ![Diagram](image5)

6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.
   ![Diagram](image6)

7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.
   ![Diagram](image7)

8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.
   ![Diagram](image8)

Answers

1. \( \frac{9}{10} \)
2. \( \frac{1}{10} \)
3. \( \frac{35}{100} \)
4. \( \frac{60}{100} \)
5. \( \frac{60}{100} \)
6. \( \frac{80}{100} \)
7. \( \frac{15}{100} \)
8. \( \frac{15}{100} \)
Solve each problem.

1) Express the shaded portion as a decimal of the whole.

2) Express the un-shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a decimal of the whole.

4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the shaded portion as a decimal of the whole.

7) Express the shaded portion as a decimal of the whole.

8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.
Solve each problem.

1) Express the shaded portion as a decimal of the whole.

2) Express the un-shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a decimal of the whole.

4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the shaded portion as a decimal of the whole.

7) Express the shaded portion as a decimal of the whole.

8) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

Answers

1. 0.40
2. 0.15
3. 0.10
4. \( \frac{5}{100} \)
5. \( \frac{40}{100} \)
6. 0.60
7. 0.45
8. \( \frac{35}{100} \)
Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

2) Express the un-shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

4) Express the shaded portion as a fraction of the whole with a 10 as the denominator.

5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the shaded portion as a decimal of the whole.

7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.
Solve each problem.

1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

2) Express the un-shaded portion as a decimal of the whole.

3) Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

4) Express the shaded portion as a fraction of the whole with a 10 as the denominator.

5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

6) Express the shaded portion as a decimal of the whole.

7) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

Answers

1. \(\frac{10}{100}\)

2. 0.20

3. \(\frac{4}{10}\)

4. \(\frac{6}{10}\)

5. \(\frac{15}{100}\)

6. 0.80

7. \(\frac{30}{100}\)

8. \(\frac{80}{100}\)