Name: _____

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.

1. _____

2. _____

3. _____

4. _____

5. _____

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.

6. _____

7. _____

8. _____

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.

Math

www.CommonCoreSheets.com

1

1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0

Name: **Answer Key**

Solve each problem.

Answers

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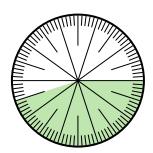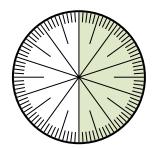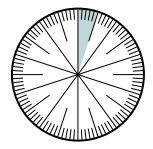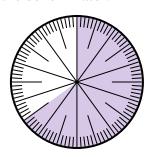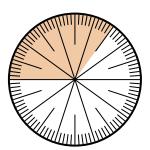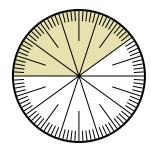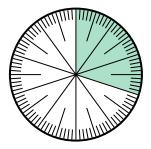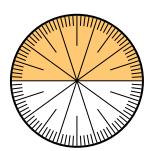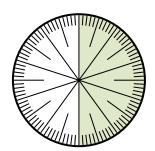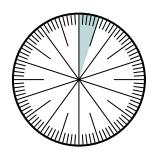

2) Express the un-shaded portion as a decimal of the whole.

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.
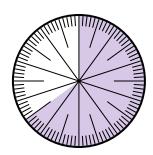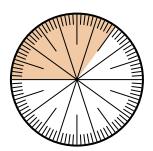

6) Express the shaded portion as a fraction of the whole with a 100 as the denominator.
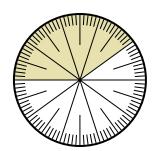

7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.
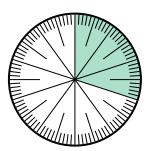

8) Express the un-shaded portion as a decimal of the whole.

1. **0.55**

2. **0.35**

3. $\dfrac{50}{100}$

4. **6.0**

5. $\dfrac{95}{100}$

6. $\dfrac{30}{100}$

7. $\dfrac{35}{100}$

8. **0.50**

1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0
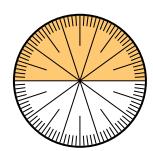
Solve each problem.
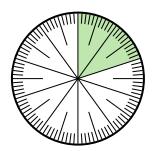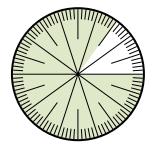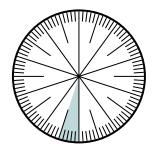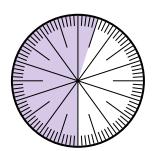
1) Express the shaded portion as a decimal of the whole.

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

1. _____

2. _____

3. _____

4. _____

5. _____

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.

6. _____

7. _____

8. _____

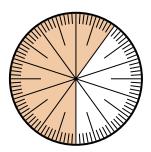**5)** Express the un-shaded portion as a decimal of the whole.

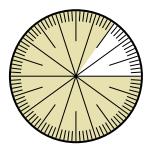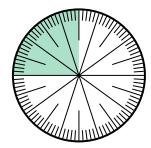**6)** Express the shaded portion as a decimal of the whole.

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

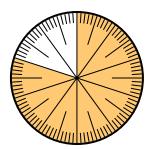**8)** Express the shaded portion as a fraction of the whole with a 100 as the denominator.

Name:

Solve each problem.

Answers

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.

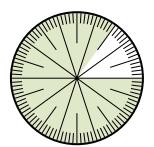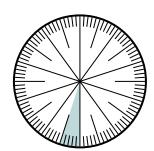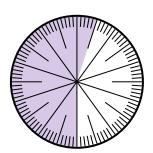**3)** Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

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.

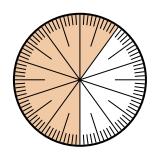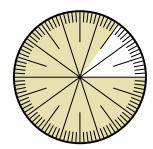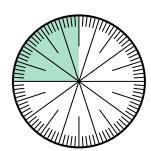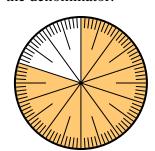**8)** Express the shaded portion as a fraction of the whole with a 100 as the denominator.

1. **0.80**

2. **$^{60}/_{100}$**

3. **$^{15}/_{100}$**

4. **$^{85}/_{100}$**

5. **0.05**

6. **0.75**

7. **0.55**

8. **$^{80}/_{100}$**

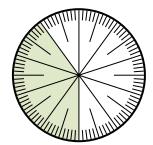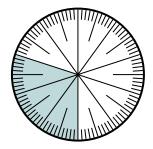| 1-8	88	75	63	50	38	25	13	0

Name:

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.
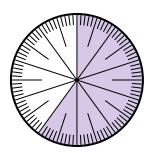
1. _____

2. _____

3. _____

4. _____

5. _____

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.

6. _____

7. _____

8. _____

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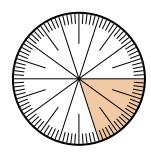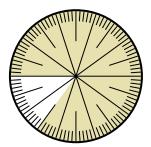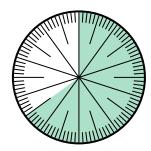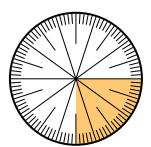
8) Express the shaded portion as a decimal of the whole.

1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0

Name: **Answer Key**

Solve each problem.

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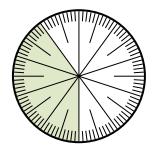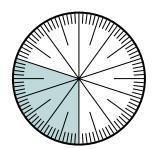
1) Express the un-shaded portion as a decimal of the whole.

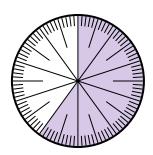2) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

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.

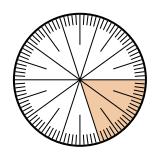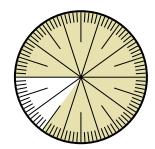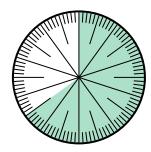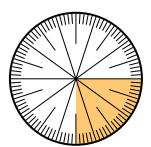7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

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

1. **0.10**

2. **20/100**

3. **60/100**

4. **85/100**

5. **3/10**

6. **0.65**

7. **40/100**

8. **0.75**

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Name:

Solve each problem.

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

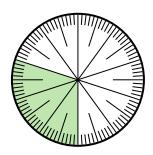**2)** Express the shaded portion as a decimal of the whole.

1. _____

2. _____

3. _____

4. _____

5. _____

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

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

6. _____

7. _____

8. _____

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.

Name: **Answer Key**

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.

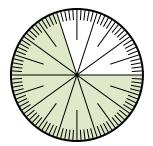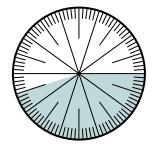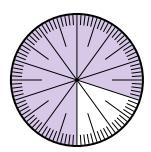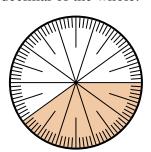**3)** Express the un-shaded portion as a decimal of the whole.

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

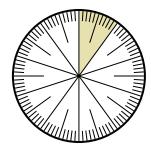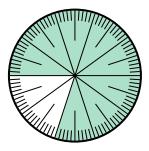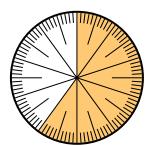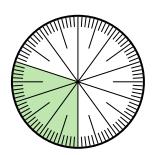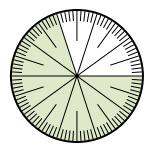**5)** Express the shaded portion as a fraction of the whole with a 100 as the denominator.

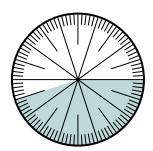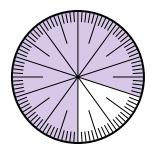**6)** Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

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

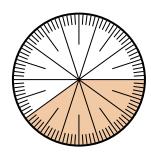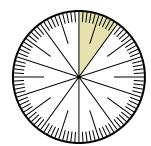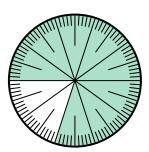**8)** Express the un-shaded portion as a decimal of the whole.

Answers

1. $\dfrac{30}{100}$

2. **0.60**

3. **0.70**

4. **0.10**

5. $\dfrac{45}{100}$

6. $\dfrac{8}{10}$

7. $\dfrac{80}{100}$

8. **0.60**

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Name:

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.

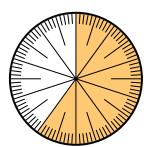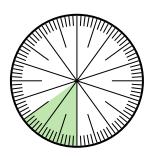**3)** Express the un-shaded portion as a decimal of the whole.

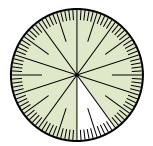**4)** Express the shaded portion as a decimal of the whole.
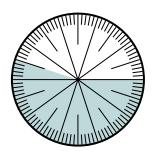
5) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

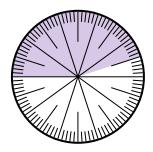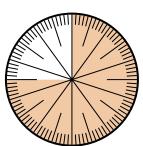**6)** Express the shaded portion as a decimal of the whole.

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

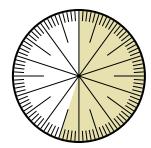**8)** Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

Name: **Answer Key**

Solve each problem.

Answers

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

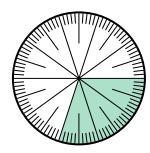**2)** Express the shaded portion as a decimal of the whole.

1. $\dfrac{15}{100}$

2. 0.25

3. 0.90

4. 0.45

5. $\dfrac{45}{100}$
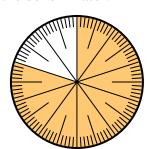
6. 0.70

7. 0.55

8. $\dfrac{20}{100}$

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

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

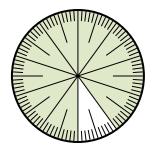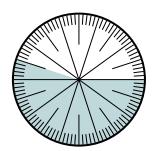**5)** Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

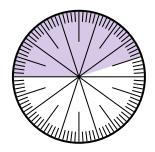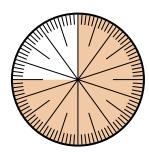**6)** Express the shaded portion as a decimal of the whole.

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

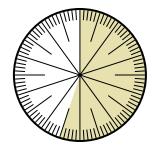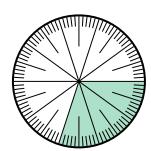**8)** Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Name:

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.
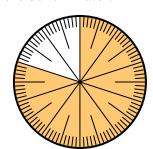

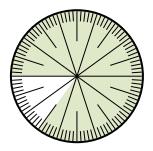**4)** Express the un-shaded portion as a decimal of the whole.

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.
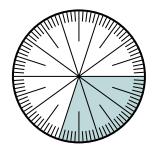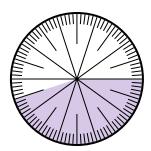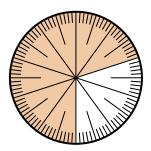

7) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

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

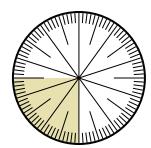Name: **Answer Key**

Solve each problem.

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

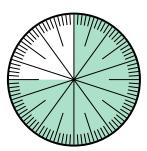**2)** Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

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

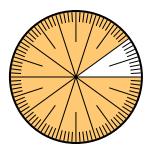**4)** Express the un-shaded portion as a decimal of the whole.

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.
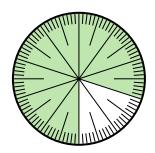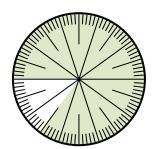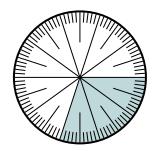

Answers

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. $\frac{1}{10}$

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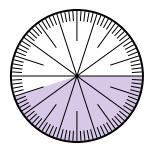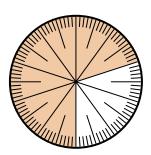
Solve each problem.

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.

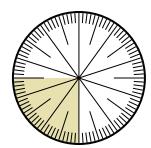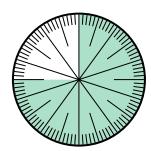
1. _____

2. _____

3. _____

4. _____

5. _____

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.

6. _____

7. _____

8. _____

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

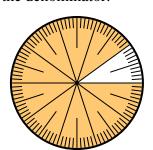**6)** Express the un-shaded portion as a decimal of the whole.

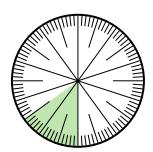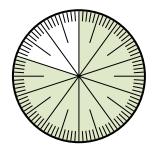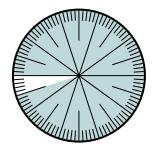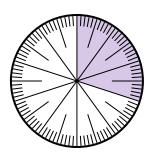**7)** Express the shaded portion as a fraction of the whole with a 10 as the denominator.

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

Name:

Solve each problem.

Answers

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.

1. $\dfrac{15}{100}$

2. **1.0**

3. $\dfrac{20}{100}$

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

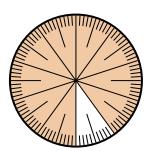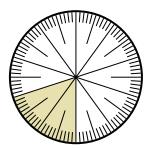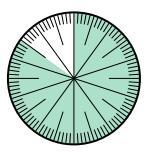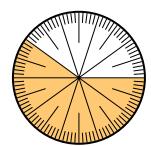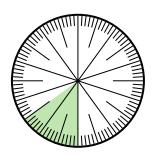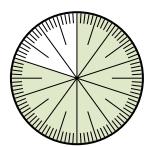4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

4. $\dfrac{20}{100}$
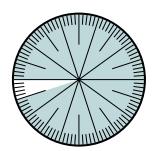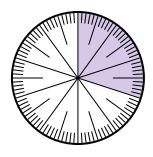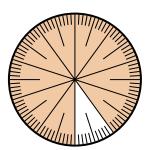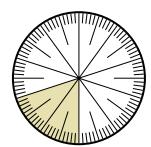
5. $\dfrac{95}{100}$

6. **0.85**

7. $\dfrac{7}{10}$

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.

8. **0.40**

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.

Math

7

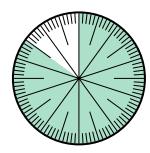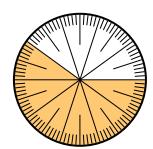| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

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.

1. _____

2. _____

3. _____

4. _____

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

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

5. _____

6. _____

7. _____

8. _____

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.

1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0

Name: **Answer Key**

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.

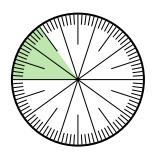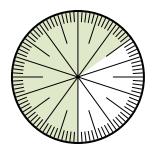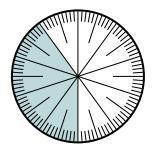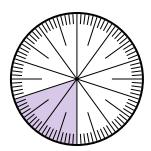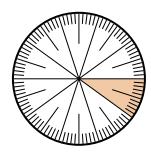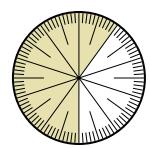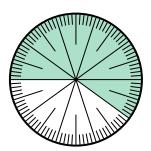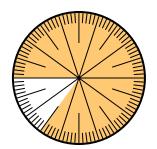**4)** Express the un-shaded portion as a decimal of the whole.

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.
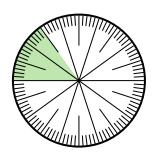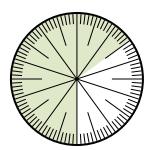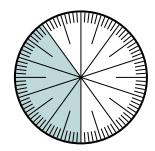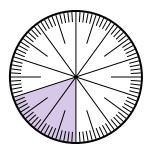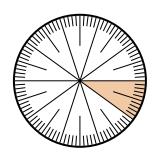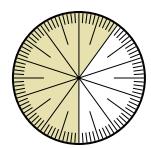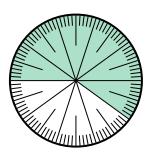

Answers

1. **0.85**

2. **$\frac{1}{10}$**

3. **0.35**

4. **0.60**

5. **0.60**

6. **$\frac{60}{100}$**

7. **$\frac{80}{100}$**

8. **$\frac{15}{100}$**

1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0

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.
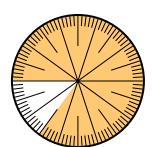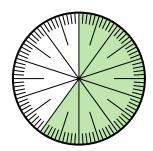
1. _____

2. _____

3. _____

4. _____

5. _____

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.

6. _____

7. _____

8. _____

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.

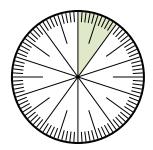**8)** Express the shaded portion as a fraction of the whole with a 100 as the denominator.
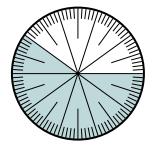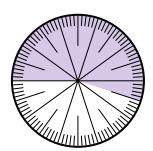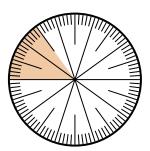
Solve each problem.

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.

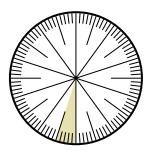4) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

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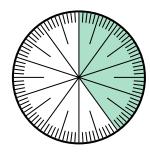

6) Express the shaded portion as a decimal of the whole.
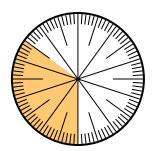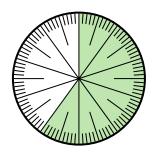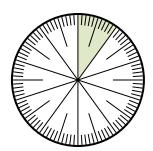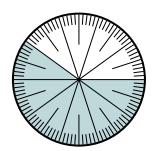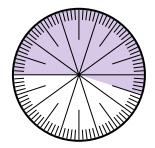

7) Express the shaded portion as a decimal of the whole.

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

1. $\underline{\hspace{0.3cm} \textbf{0.40} \hspace{0.3cm}}$

2. $\underline{\hspace{0.3cm} \textbf{0.15} \hspace{0.3cm}}$

3. $\underline{\hspace{0.3cm} \textbf{0.10} \hspace{0.3cm}}$

4. $\underline{\hspace{0.3cm} \textbf{5}/\textbf{100} \hspace{0.3cm}}$

5. $\underline{\hspace{0.3cm} \textbf{40}/\textbf{100} \hspace{0.3cm}}$

6. $\underline{\hspace{0.3cm} \textbf{0.60} \hspace{0.3cm}}$

7. $\underline{\hspace{0.3cm} \textbf{0.45} \hspace{0.3cm}}$

8. $\underline{\hspace{0.3cm} \textbf{35}/\textbf{100} \hspace{0.3cm}}$
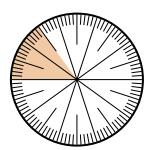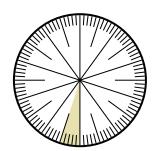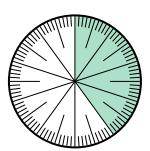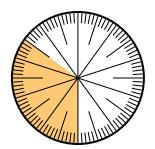
Name: _____

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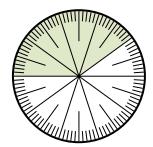
1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

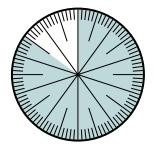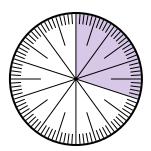**3)** Express the un-shaded portion as a fraction of the whole with a 10 as the denominator.

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.
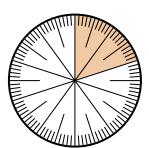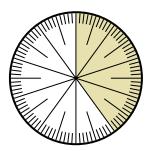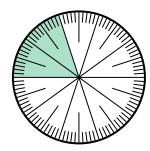
Expressing Fractions and Decimals from a Number Wheel   Name: **Answer Key**

Solve each problem.

Answers

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

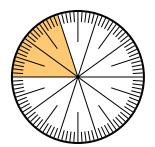2) Express the un-shaded portion as a decimal of the whole.

1. $\frac{10}{100}$

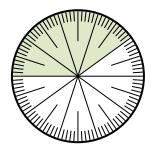2. **0.20**

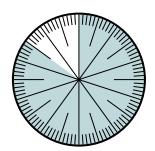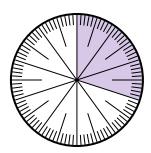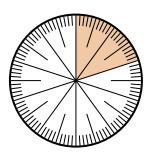3. $\frac{4}{10}$

4. $\frac{6}{10}$

5. $\frac{15}{100}$

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.

6. **0.80**

7. $\frac{30}{100}$

8. $\frac{80}{100}$

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.

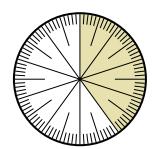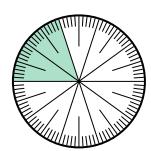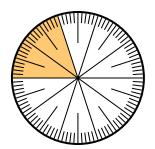8) Express the un-shaded portion as a fraction of the whole with a 100 as the denominator.

Math   www.CommonCoreSheets.com   10

1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0