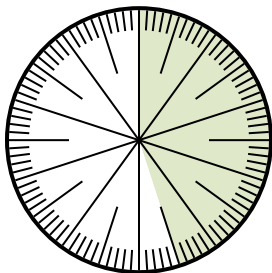
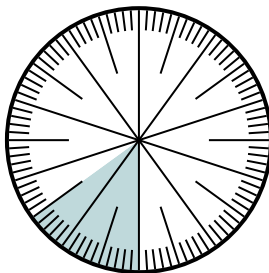


**Solve each problem.**

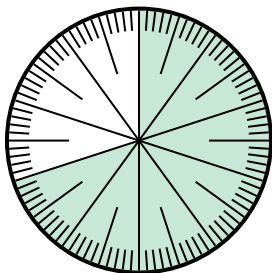
- 1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



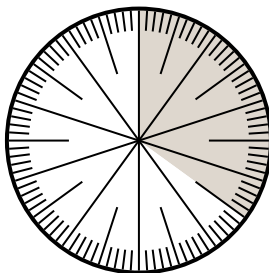
- 2) Express the un-shaded portion as a decimal of the whole.



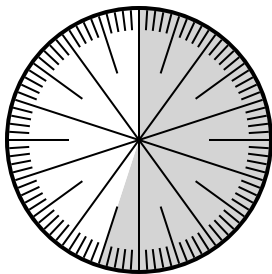
- 3) Express the un-shaded portion as a decimal of the whole.



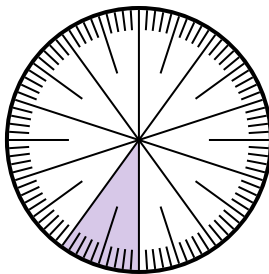
- 4) Express the un-shaded portion as a decimal of the whole.



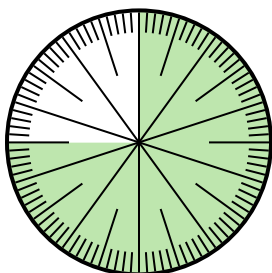
- 5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



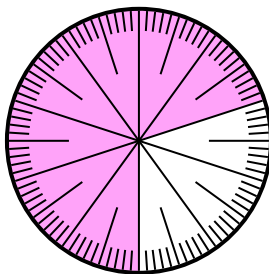
- 6) Express the un-shaded portion as a decimal of the whole.



- 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. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

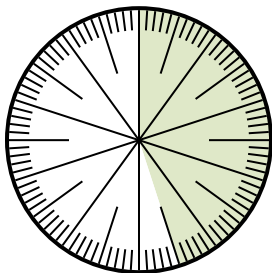
6. \_\_\_\_\_

7. \_\_\_\_\_

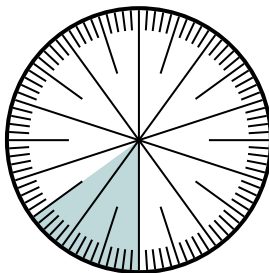
8. \_\_\_\_\_

**Solve each problem.**

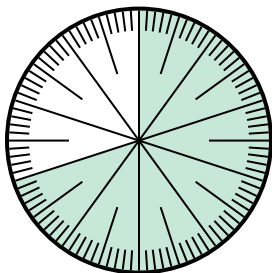
- 1) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



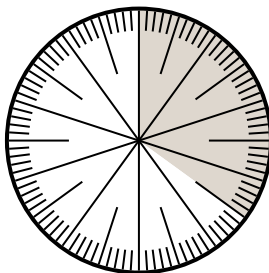
- 2) Express the un-shaded portion as a decimal of the whole.



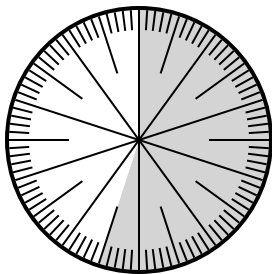
- 3) Express the un-shaded portion as a decimal of the whole.



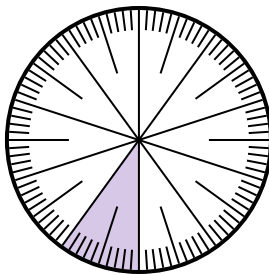
- 4) Express the un-shaded portion as a decimal of the whole.



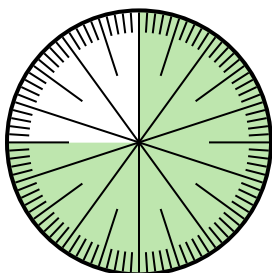
- 5) Express the shaded portion as a fraction of the whole with a 100 as the denominator.



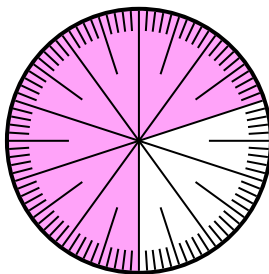
- 6) Express the un-shaded portion as a decimal of the whole.



- 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.  $\frac{45}{100}$   
2. **0.15**  
3. **0.70**  
4. **0.35**  
5.  $\frac{55}{100}$   
6. **0.10**  
7.  $\frac{75}{100}$   
8.  $\frac{30}{100}$