



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Partition Shapes

*Solve for x. Show your work.*

1.

{A square is divided into eighths.  $\frac{7}{8}$  is shaded. How many parts are shaded?}

2. {Describe how to divide a rectangle

into 3 equal parts.}

3. {Describe how to divide a rectangle  
into 8 equal parts.}

4. {Describe how to divide a square  
into 6 equal parts.}

5. {Describe how to divide a rectangle  
into 6 equal parts.}

6. {A square is divided into eighths.  $\frac{3}{8}$  is shaded. How many parts are shaded?}

7. {A square is divided into 8 equal  
parts. 6 part(s) are shaded. What  
fraction is shaded?}

8. {A rectangle is divided into 8 equal  
parts. 7 part(s) are shaded. What  
fraction is shaded?}



## Partition Shapes – Answer Key

1.

A square is divided into eighths.  $\frac{7}{8}$  is shaded. How many parts are shaded?

2. {Describe how to divide a rectangle

into 3 equal parts.}

3. {Describe how to divide a rectangle  
into 8 equal parts.}

4. {Describe how to divide a square  
into 6 equal parts.}

5. {Describe how to divide a rectangle  
into 6 equal parts.}

6. A square is divided into eighths.  $\frac{3}{8}$  is shaded. How many parts are shaded?

7. {A square is divided into 8 equal  
parts. 6 part(s) are shaded. What  
fraction is shaded?}

8. {A rectangle is divided into 8 equal  
parts. 7 part(s) are shaded. What  
fraction is shaded?}

$\frac{6}{8}$   
{Divide into eighths}

freshmath.org  $\frac{7}{8}$   
{Divide into thirds}