

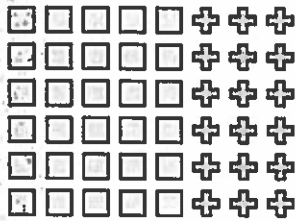
Name : \_\_\_\_\_

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Teacher : \_\_\_\_\_

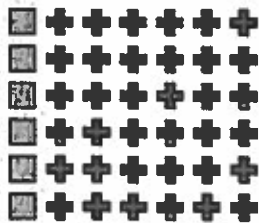
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### Find the Ratios



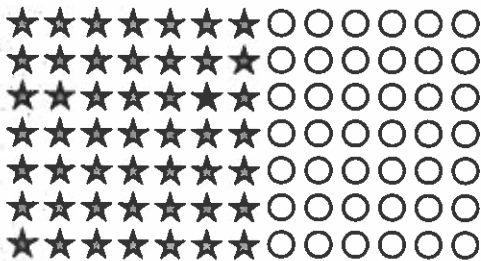
What is the ratio of  
 □ to ✚ ? = \_\_\_\_\_ : \_\_\_\_\_ = \_\_\_\_\_ : \_\_\_\_\_ Simplified

What is the ratio of  
 ✚ to ( □ + ✚ ) ? = \_\_\_\_\_ : \_\_\_\_\_ = \_\_\_\_\_ : \_\_\_\_\_



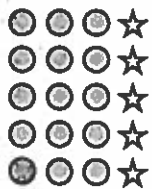
What is the ratio of  
 □ to ✚ ? = \_\_\_\_\_ : \_\_\_\_\_ = \_\_\_\_\_ : \_\_\_\_\_ Simplified

What is the ratio of  
 ✚ to ( □ + ✚ ) ? = \_\_\_\_\_ : \_\_\_\_\_ = \_\_\_\_\_ : \_\_\_\_\_



What is the ratio of  
 ★ to ○ ? = \_\_\_\_\_ : \_\_\_\_\_ = \_\_\_\_\_ : \_\_\_\_\_ Simplified

What is the ratio of  
 ○ to ( ★ + ○ ) ? = \_\_\_\_\_ : \_\_\_\_\_ = \_\_\_\_\_ : \_\_\_\_\_



What is the ratio of  
 ● to ★ ? = \_\_\_\_\_ : \_\_\_\_\_ = \_\_\_\_\_ : \_\_\_\_\_ Simplified

What is the ratio of  
 ★ to ( ● + ★ ) ? = \_\_\_\_\_ : \_\_\_\_\_ = \_\_\_\_\_ : \_\_\_\_\_



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### Equivalent Ratios

Write two equivalent ratios.

1) 

12		
7		

2) 

10		
11		

3) 

9		
5		

4) 

7		
3		

5) 

7		
5		

6) 

8		
11		

Determine whether the ratios are equivalent.

7)  $\frac{9}{7}$  and  $\frac{18}{14}$  \_\_\_\_\_

8)  $\frac{11}{10}$  and  $\frac{44}{40}$  \_\_\_\_\_

9)  $\frac{3}{8}$  and  $\frac{15}{40}$  \_\_\_\_\_

10)  $\frac{11}{3}$  and  $\frac{22}{6}$  \_\_\_\_\_

11)  $\frac{10}{7}$  and  $\frac{70}{49}$  \_\_\_\_\_

12)  $\frac{9}{8}$  and  $\frac{27}{24}$  \_\_\_\_\_

Use equivalent ratios to find the unknown value.

13)  $\frac{8}{7} = \frac{56}{v}$   $v =$  \_\_\_\_\_

14)  $\frac{16}{a} = \frac{4}{9}$   $a =$  \_\_\_\_\_

15)  $\frac{n}{14} = \frac{2}{7}$   $n =$  \_\_\_\_\_

16)  $\frac{n}{42} = \frac{4}{7}$   $n =$  \_\_\_\_\_

17)  $\frac{5}{2} = \frac{25}{v}$   $v =$  \_\_\_\_\_

18)  $\frac{7}{2} = \frac{f}{12}$   $f =$  \_\_\_\_\_

