

Cumulative Review

Directions: Write the ratio for each image or situation. If an image is not provided, you will be asked to draw an image.

1. Draw 5 pencils and 8 pens. What is the ratio of pens to pencils?

2. What is the ratio of Fs to Bs?

B F F
B B B

3. What is the ratio of squares to total shapes?



4. Draw 5 sheets of paper and 3 notebooks. What is the ratio of sheets of paper to notebooks?

Practice 1

For each item, draw the image described, write the ratio, and simplify the ratio, if possible. If the ratio cannot be simplified, write "No."

1. 9 red and 3 yellow circles

What is the ratio of yellow circles to red circles?

Simplified: _____

2. 5 red and 7 yellow circles

What is the ratio of red circles to total circles?

Simplified: _____

3. 2 red and 10 yellow circles

What is the ratio of yellow circles to total circles?

Simplified: _____

4. 6 red and 6 yellow circles

What is the ratio of red circles to yellow circles?

Simplified: _____

Practice 2

For each item, draw the image described, write the ratio, and simplify the ratio, if possible. If the ratio cannot be simplified, write "No."

1. There are 3 squares and 10 stars. What is the ratio of stars to total shapes?

Simplified: _____

2. Ali has 6 striped socks and 4 white socks. What is the ratio of white socks to striped socks?

Simplified: _____

3. Robin's farm has 3 chickens and 9 pigs. What is the ratio of pigs to total animals?

Simplified: _____

4. There are 6 Os and 15 Xs. What is the ratio of Xs to total letters?

Simplified: _____

Name: _____

Independent Practice

For each item, draw the image described, write the ratio, and simplify the ratio, if possible. If the ratio cannot be simplified, write "No."

1. There are 2 yellow balls and 8 red balls in a shopping cart. What is the ratio of yellow balls to red balls?

Simplified: _____

2. There are 4 Bs and 2 As on the whiteboard. What is the ratio of As to total letters?

Simplified: _____

3. There are 3 bananas and 7 oranges. What is the ratio of oranges to total pieces of fruit?

Simplified: _____

4. 8 bowls and 4 cups are in a cabinet. What is the ratio of cups to bowls?

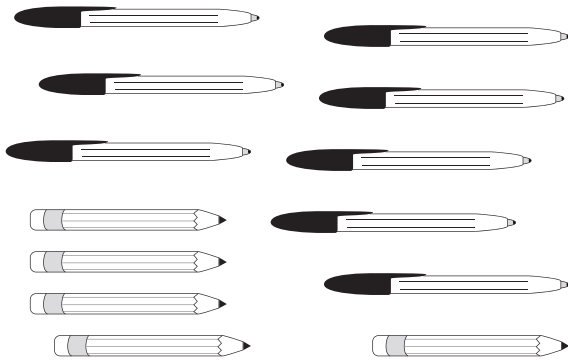
Simplified: _____



Answer Key: Cumulative Review

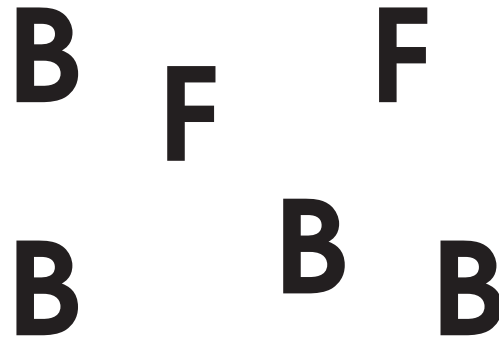
Directions: Write the ratio for each image or situation. If an image is not provided, you will be asked to draw an image.

1. Draw 5 pencils and 8 pens. What is the ratio of pens to pencils?



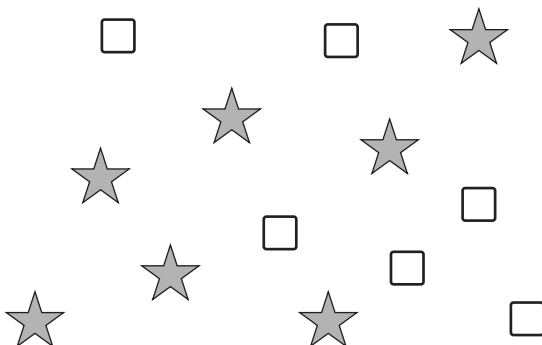
8 to 5

2. What is the ratio of Fs to Bs?



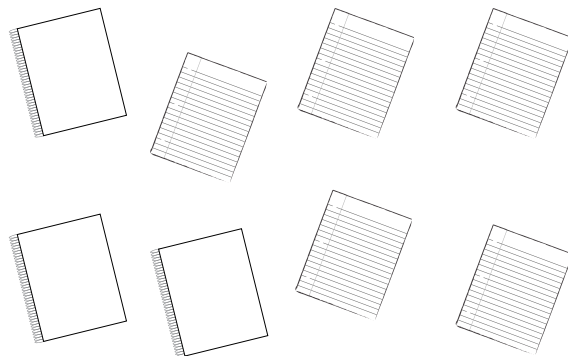
2 to 4

3. What is the ratio of squares to total shapes?



6 to 13

4. Draw 5 sheets of paper and 3 notebooks. What is the ratio of sheets of paper to notebooks?



5 to 3

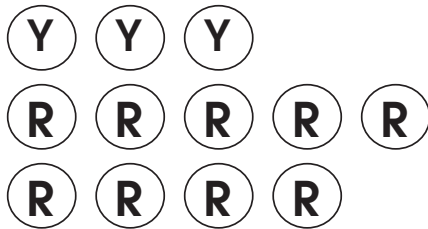


Answer Key: Practice 1

For each item, draw the image described, write the ratio, and simplify the ratio, if possible. If the ratio cannot be simplified, write "No."

1. 9 red and 3 yellow circles

What is the ratio of yellow circles to red circles?



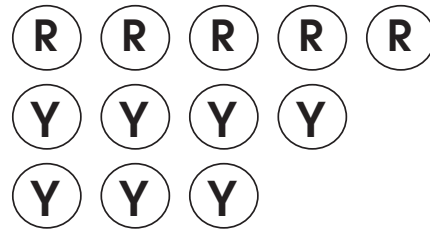
1 of the following:

3:9 3 to 9 $\frac{3}{9}$

Simplified: 1:3 1 to 3 $\frac{1}{3}$

2. 5 red and 7 yellow circles

What is the ratio of red circles to total circles?



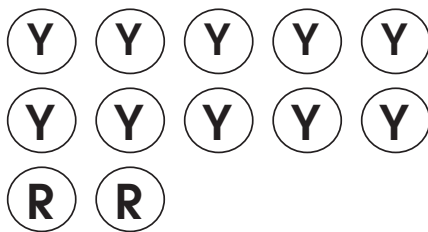
1 of the following:

5:12 5 to 12 $\frac{5}{12}$

Simplified: No

3. 2 red and 10 yellow circles

What is the ratio of yellow circles to total circles?



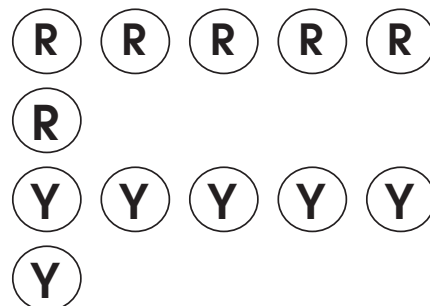
1 of the following:

10:12 10 to 12 $\frac{10}{12}$

Simplified: 5:6 5 to 6 $\frac{5}{6}$

4. 6 red and 6 yellow circles

What is the ratio of red circles to yellow circles?



1 of the following:

6:6 6 to 6 $\frac{6}{6}$

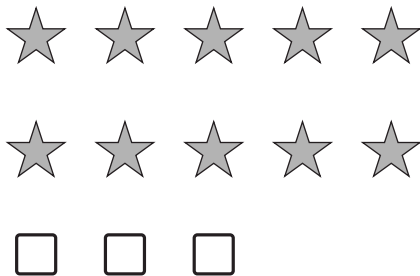
Simplified: 1:1 1 to 1 $\frac{1}{1}$



Answer Key: Practice 2

For each item, draw the image described, write the ratio, and simplify the ratio, if possible. If the ratio cannot be simplified, write "No."

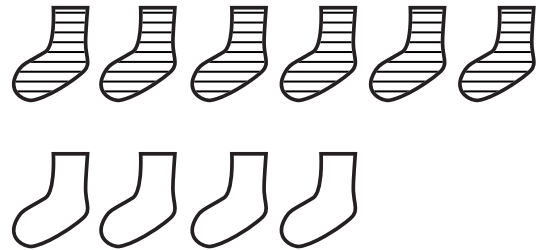
1. There are 3 squares and 10 stars. What is the ratio of stars to total shapes?



10 to 13

Simplified: No

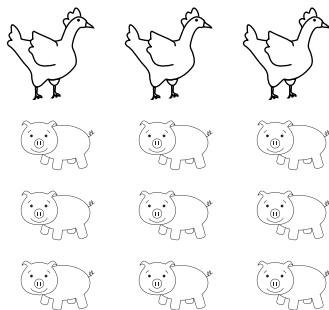
2. Ali has 6 striped socks and 4 white socks. What is the ratio of white socks to striped socks?



4 to 6

Simplified: 2 to 3

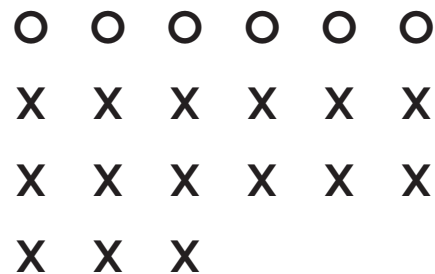
3. Robin's farm has 3 chickens and 9 pigs. What is the ratio of pigs to total animals?



9 to 12

Simplified: 3 to 4

4. There are 6 Os and 15 Xs. What is the ratio of Xs to total letters?



15 to 21

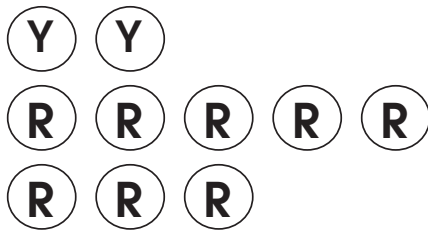
Simplified: 5 to 7



Answer Key: Independent Practice

For each item, draw the image described, write the ratio, and simplify the ratio, if possible. If the ratio cannot be simplified, write "No."

1. There are 2 yellow balls and 8 red balls in a shopping cart. What is the ratio of yellow balls to red balls?



2 to 8

Simplified: 1 to 4

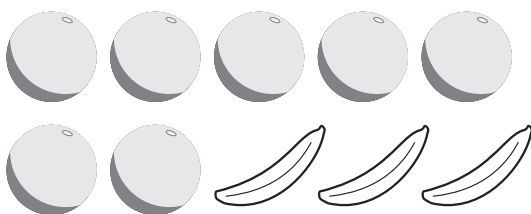
2. There are 4 Bs and 2 As on the whiteboard. What is the ratio of As to total letters?

A B B B A B

2 to 6

Simplified: 1 to 3

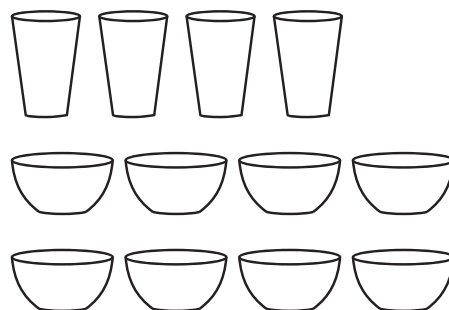
3. There are 3 bananas and 7 oranges. What is the ratio of oranges to total pieces of fruit?



7 to 10

Simplified: No

4. 8 bowls and 4 cups are in a cabinet. What is the ratio of cups to bowls?



4 to 8

Simplified: 1 to 2