Fractions of shapes

Name _____ Date _____

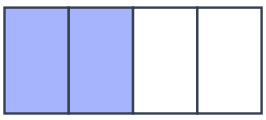
Write the fraction that is shaded.

Common Core 3.NF.A.1

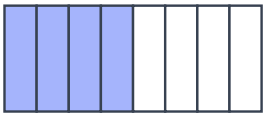
Example A bar cut into 6 equal parts, 5 shaded.

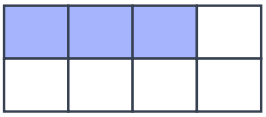
1. The bar has 6 equal parts: sixths.
2. 5 parts are shaded.

Answer: $\frac{5}{6}$

1.  shaded: ☐

2.  shaded: ☐

3.  shaded: ☐

4.  shaded: ☐

5.  shaded: ☐

6.  shaded: ☐

Count the copies of the unit fraction.

Example $\frac{4}{6}$ is ? copies of $\frac{1}{6}$

1. 4 sixths means 4 parts of one sixth.
2. $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{4}{6}$

Answer: 4

7. $\frac{3}{6}$ is ☐ copies of $\frac{1}{6}$

8. 2 copies of $\frac{1}{3} = \frac{?}{3}$? = ☐

9. 5 copies of $\frac{1}{6} = \frac{?}{6}$? = ☐

10. 3 copies of $\frac{1}{3} = \frac{?}{3}$? = ☐

11. 8 copies of $\frac{1}{8} = \frac{?}{8}$? = ☐

12. $\frac{4}{8}$ is ☐ copies of $\frac{1}{8}$

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Fractions on a number line

Name _____ Date _____

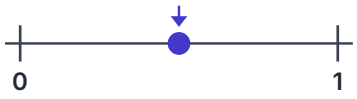
Write the fraction where the dot is.

Common Core 3.NF.A.2

Example 0 to 1 is cut into 3 equal parts; the dot is on the 2nd mark.

1. Each jump is one third.
2. The dot is 2 jumps from 0.

Answer: $\frac{2}{3}$

1 

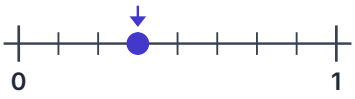
_____

2 

_____

3 

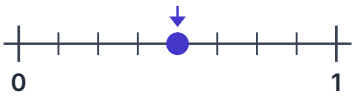
_____

4 

_____

5 

_____

6 

_____

Write the fraction that is shaded.

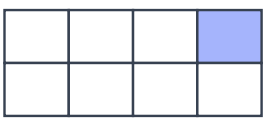
Example A bar cut into 4 equal parts, 1 part shaded.

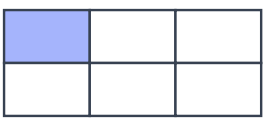
1. Count the equal parts: 4. That is the denominator.
2. 1 part is shaded: that is the numerator.

Answer: $\frac{1}{4}$

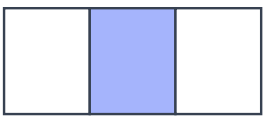
7  shaded: _____

8  shaded: _____

9  shaded: _____

10  shaded: _____

11  shaded: _____

12  shaded: _____

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Answers

Answers are in the same order as the boxes.

Page 1 · Fractions of shapes

1. 2/4
2. 4/6
3. 4/8
4. 3/8
5. 2/8
6. 7/8
7. 3
8. 2
9. 5
10. 3
11. 8
12. 4

Page 2 · Fractions on a number line

1. 1/2
2. 4/6
3. 1/4
4. 3/8
5. 2/3
6. 4/8
7. 1/4
8. 1/8
9. 1/8
10. 1/6
11. 1/4
12. 1/3

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