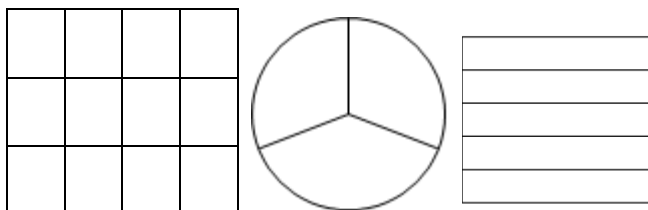


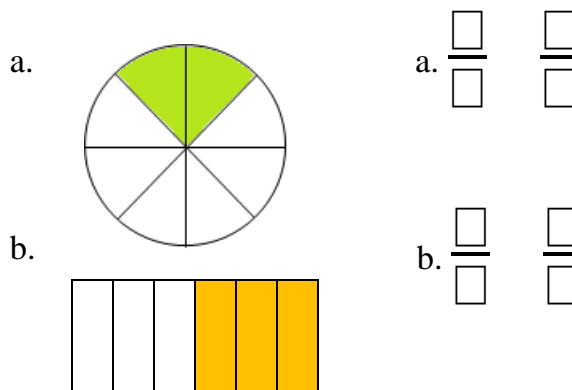
4.NF.A.1 Write Equivalent Fractions

4.NF.A.1: Explain why a fraction a/b is equivalent to a fraction $(n \times a)/(n \times b)$

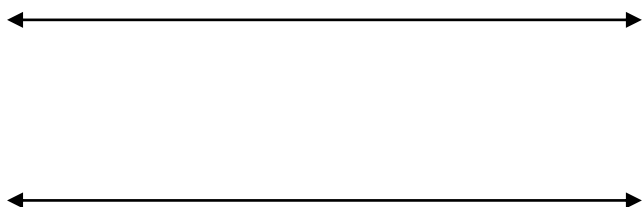
1. 2 of 6 equal pieces is the same as $\frac{\square}{3}$ and $\frac{\square}{12}$ of 12 equal pieces. Shade the shapes below.



4. Write two equivalent fractions for each model.



2. Divide the number lines to show $\frac{1}{2}$ is equal to $\frac{5}{10}$.



5. Write an equivalent fraction of each of the following.

a. $\frac{8}{12}$ a. $\frac{\square}{\square}$

b. $\frac{7}{14}$ b. $\frac{\square}{\square}$

c. $\frac{6}{10}$ c. $\frac{\square}{\square}$

3. Jessie says that all of the fractions given below are equivalent. Is she right?

a. $\frac{3}{5}, \frac{8}{10}$

b. $\frac{2}{3}, \frac{6}{9}$

c. $\frac{4}{10}, \frac{2}{5}$

YES

NO

6. Complete the fraction equation below.

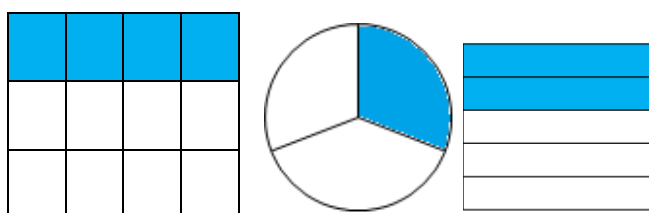
$$\frac{\square}{3} = \frac{4}{6} = \frac{20}{30}$$

4.NF.A.1 Write Equivalent Fractions

Answer Key

4.NF.A.1: Explain why a fraction a/b is equivalent to a fraction $(n \times a)/(n \times b)$

1. 2 of 6 equal pieces is the same as $\frac{1}{3}$ and 4 of 12 equal pieces. Shade the shapes below.

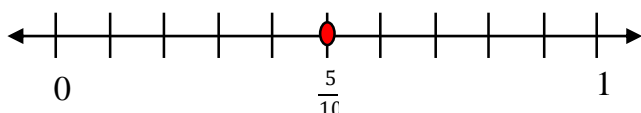
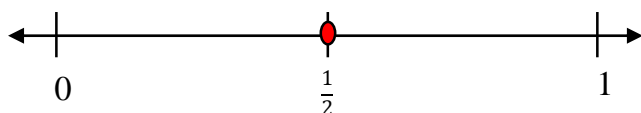


4. Write two equivalent fractions for each model.

a.  a. $\frac{1}{4}$ $\frac{4}{16}$

b.  b. $\frac{1}{2}$ $\frac{6}{12}$

2. Divide the number lines to show $\frac{1}{2}$ is equal to $\frac{5}{10}$.



5. Write an equivalent fraction of each of the following.

a. $\frac{8}{12}$ a. $\frac{2}{3}$

b. $\frac{7}{14}$ b. $\frac{1}{2}$

c. $\frac{6}{10}$ c. $\frac{12}{20}$

3. Jessie says that all of the fractions given below are equivalent. Is she right?

a. $\frac{3}{5}, \frac{8}{10}$

b. $\frac{2}{3}, \frac{6}{9}$

c. $\frac{4}{10}, \frac{2}{5}$

YES

NO

6. Complete the fraction equation below.

$$\frac{2}{3} = \frac{4}{6} = \frac{20}{30}$$