

Fraction Equivalence and Comparison: End-of-Unit Assessment

1. Select **all** fractions that are equivalent to $\frac{3}{12}$.

A. $\frac{1}{4}$

B. $\frac{2}{8}$

C. $\frac{2}{11}$

D. $\frac{4}{1}$

E. $\frac{5}{20}$

2. Select **all** fractions that are greater than $\frac{1}{2}$ but less than 1.

A. $\frac{4}{5}$

B. $\frac{1}{3}$

C. $\frac{5}{4}$

D. $\frac{4}{7}$

E. $\frac{5}{10}$

3. Which fraction is less than $\frac{3}{5}$?

A. $\frac{5}{7}$

B. $\frac{4}{6}$

C. $\frac{9}{15}$

D. $\frac{7}{12}$

4. List three different fractions that are equivalent to $\frac{4}{5}$. Explain or show your reasoning.

5. Elena says that $\frac{3}{5}$ and $\frac{6}{10}$ are not equivalent because there are twice as many parts in $\frac{6}{10}$. Do you agree with Elena? Explain your reasoning.

6. List these fractions from smallest to largest. Explain how you found the order.

$$\frac{7}{4}$$

$$\frac{7}{12}$$

$$\frac{3}{8}$$

$$\frac{13}{6}$$

$$\frac{1}{4}$$

7. For each fraction, write an equivalent fraction with the given denominator.

a. $\frac{1}{2} = \frac{\quad}{12}$

b. $\frac{2}{3} = \frac{\quad}{24}$

c. $\frac{6}{5} = \frac{\quad}{35}$

d. $\frac{5}{7} = \frac{\quad}{28}$

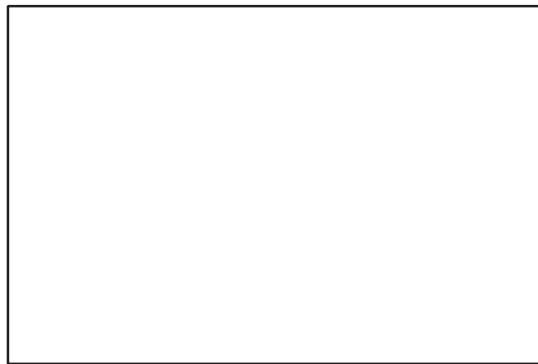
e. $\frac{7}{8} = \frac{\quad}{32}$

8. Noah and Lin drew different geometric designs on the same-size rectangular paper and colored the designs.

a. $\frac{4}{10}$ of Noah's design is blue. How can you describe the size of the fraction?

b. $\frac{5}{12}$ of Lin's design is blue.

Sketch an example of what Lin's design could look like.



c. Whose design has more blue, Noah's or Lin's? Explain or show your reasoning.