

Unit 8

Unit Assessment, Form B

Name _____

1. Which equivalent fraction completes the equation? Use the model to help you.



$$\frac{3}{4} = ?$$

- A. $\frac{6}{4}$
- B. $\frac{3}{8}$
- C. $\frac{5}{6}$
- D. $\frac{6}{8}$
2. Which fraction is equivalent to $\frac{2}{3}$?
- A. $\frac{8}{12}$
- B. $\frac{2}{6}$
- C. $\frac{1}{2}$
- D. $\frac{4}{5}$
3. Maxim writes the equivalent fractions $\frac{1}{2}$ and $\frac{6}{12}$. To do this, Maxim multiplies the numerator and the denominator of $\frac{1}{2}$ by _____.
4. Which fractions are greater than the benchmark $\frac{1}{2}$. Choose all that apply.
- | | |
|-------------------|-------------------|
| A. $\frac{3}{8}$ | B. $\frac{4}{5}$ |
| C. $\frac{4}{10}$ | D. $\frac{2}{6}$ |
| E. $\frac{2}{3}$ | F. $\frac{7}{12}$ |

5. Which fraction is less than $\frac{3}{7}$?

A. $\frac{2}{10}$

B. $\frac{3}{6}$

C. $\frac{5}{8}$

D. $\frac{2}{3}$

6. Enessa pours $\frac{10}{12}$ quart of lemonade equally into 2 glasses.



How much of a quart is in each glass?

A. $\frac{5}{6}$ quart

B. $\frac{5}{12}$ quart

C. $\frac{2}{12}$ quart

D. $\frac{2}{6}$ quart

7. Which fraction is greater than $\frac{4}{5}$?

A. $\frac{5}{8}$

B. $\frac{9}{10}$

C. $\frac{4}{12}$

D. $\frac{3}{4}$

8. Write $>$, $<$, or $=$ to compare the fractions.

$\frac{1}{5}$ _____ $\frac{1}{3}$

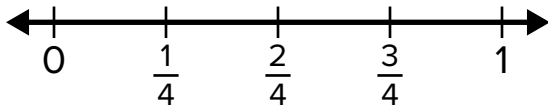
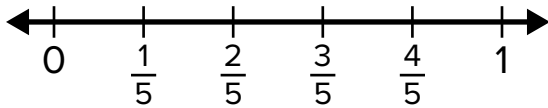
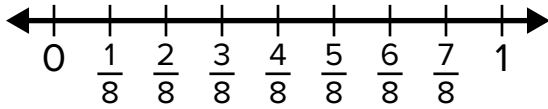
$\frac{9}{10}$ _____ $\frac{7}{10}$

$\frac{6}{12}$ _____ $\frac{4}{8}$

Unit 8
Unit Assessment, Form B (continued)

Name

9. Is each fraction comparison True or False?
 Use the number lines to help you.



	True	False
$\frac{3}{4} < \frac{3}{5}$		
$\frac{2}{8} < \frac{1}{4}$		
$\frac{3}{5} > \frac{4}{8}$		
$\frac{5}{8} < \frac{4}{5}$		

10. Kwame lives $\frac{5}{6}$ of a mile from school. Marco lives $\frac{10}{12}$ of a mile from school. Do they live the same distance from school? Explain your reasoning.

11. Explain how you know $\frac{3}{8}$ is less than $\frac{6}{10}$ using benchmarks.

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12. Which fraction is greater, $\frac{3}{4}$ or $\frac{3}{5}$? Explain how to use models to find your answer.

13. Aidan and Chloe each have a sheet of stickers with the same number of stickers. Aidan uses $\frac{4}{8}$ of his sticker sheet. Chloe uses $\frac{4}{12}$ of her sticker sheet. Aidan says he uses more of his sticker sheet than Chloe uses of hers. How do you respond to him? Explain your reasoning using benchmarks.