

Equivalent Fractions/ Comparing Fractions
Practice and Review for quiz

QUIZ :

Equivalent Fractions

Comparing Fractions

Name _____

Class _____

Use the clickers to answer #1 - #14.

Answer #15 on your paper with your work. #15 is the BONUS!

1. Find the missing number to make the fractions equivalent. $\frac{4}{8} = \frac{?}{24}$

[A] 14

[B] 24

[C] 12

[D] 13

2. Find the missing number to make the fractions equivalent. $\frac{3}{11} = \frac{9}{?}$

[A] 9

[B] 11

[C] 8

[D] 33

3. Write $\frac{36}{48}$ in simplest form. [A] $\frac{5}{36}$ [B] $\frac{6}{7}$ [C] $\frac{3}{4}$ [D] $\frac{9}{12}$

4. Write $\frac{24}{30}$ in simplest form. [A] $\frac{8}{10}$ [B] $\frac{4}{5}$ [C] $\frac{6}{7}$ [D] $\frac{1}{4}$

5. Write $\frac{16}{40}$ in simplest form.

6. Because rhinoceroses are hunted for their horns, they are in danger of becoming extinct. Today there are only about 10,000 rhinoceroses left in the world. Africa's black rhinoceros population accounts for roughly 2,500 of those rhinoceroses. Write the fraction of rhinoceroses made up by Africa's black rhinoceros population. Then write the fraction in simplest form.

7. Write $2\frac{2}{5}$ as an improper fraction. [A] $\frac{8}{5}$ [B] $\frac{10}{5}$ [C] $\frac{22}{5}$ [D] $\frac{12}{5}$

8. Sarah is making her own Halloween costume. The costume requires $2\frac{3}{4}$ yards of materials. Write the number of yards needed for Sarah's Halloween costume as an improper fraction.
9. Write $\frac{37}{4}$ as a mixed number.
10. Jane's favorite recipe is for cheese calzones. She decided to triple the recipe and determined that she needed $\frac{39}{4}$ cups of flour. Express this as a mixed number.
11. Insert =, <, or > to make a true statement: $\frac{22}{27}$ _____ $\frac{26}{40}$
12. Order these fractions from smallest to largest: $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{5}$
13. Order these fractions from smallest to largest: $\frac{5}{6}$, $\frac{3}{4}$, $\frac{1}{2}$
14. A recipe calls for $1\frac{2}{3}$ cups of water, $1\frac{1}{2}$ cups of sour cream, and $1\frac{5}{8}$ cups of flour. Order the amounts from least to greatest.
15. Use the numbers in the box below to write four fractions that are greater than $\frac{1}{3}$ but less than $\frac{4}{7}$. Use one number for the numerator and one number for the denominator.

1	2	3
4	5	
6	7	8