

Equivalent Fractions

A) Choose the correct equivalent fraction in each problem.

1) $\frac{12}{18} = ?$

a) $\frac{4}{9}$

b) $\frac{1}{6}$

c) $\frac{2}{3}$

d) $\frac{3}{2}$

2) $\frac{54}{45} = ?$

a) $\frac{6}{5}$

b) $\frac{24}{28}$

c) $\frac{8}{16}$

d) $\frac{1}{5}$

3) $\frac{5}{15} = ?$

a) $\frac{10}{40}$

b) $\frac{7}{21}$

c) $\frac{13}{26}$

d) $\frac{3}{18}$

4) $\frac{2}{3} = ?$

a) $\frac{2}{12}$

b) $\frac{2}{20}$

c) $\frac{4}{16}$

d) $\frac{4}{6}$

5) $\frac{36}{28} = ?$

a) $\frac{9}{2}$

b) $\frac{5}{25}$

c) $\frac{18}{14}$

d) $\frac{1}{6}$

6) $\frac{14}{16} = ?$

a) $\frac{7}{8}$

b) $\frac{3}{18}$

c) $\frac{35}{25}$

d) $\frac{1}{8}$

Write the correct symbol in each problem (= or ≠).

7) $\frac{8}{5}$ $\frac{48}{32}$

8) $\frac{4}{46}$ $\frac{2}{23}$

9) $\frac{7}{3}$ $\frac{35}{15}$

10) $\frac{15}{48}$ $\frac{5}{17}$

4.3 Equivalent Fractions

Name _____

11) During the 1800s, there were 22 different presidents of the United States, and 6 of them were born in Virginia. Write a fraction, in simplest form, comparing the number of presidents born in Virginia with the total number of presidents in the 1800s.

Answer = _____

Write the fraction in simplest form.

12) $\frac{6}{21}$

15) $\frac{22}{27}$

13) $\frac{12}{35}$

16) $\frac{33}{81}$

14) $\frac{30}{45}$

Tell whether the fractions are equivalent.

If each fraction reduces to the same number, then they are equivalent.

17) $\frac{14}{21}$, $\frac{24}{36}$

18) $\frac{45}{54}$, $\frac{8}{18}$

Circle one:

equivalent not equivalent

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equivalent not equivalent