



Equivalent Fractions Test

Form A



Name _____

Grade _____

Date _____

School _____

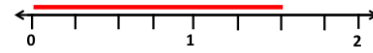
Teacher _____

Demonstrate

Which fraction is NOT equivalent to $\frac{5}{10}$?

- (A) $\frac{2}{4}$ (B) $\frac{3}{6}$
(C) $\frac{2}{3}$ (D) $\frac{1}{2}$

What fraction is represented in this number line?

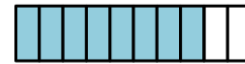






- (A) $\frac{5}{4}$ (B) $\frac{4}{2}$
(C) $\frac{3}{2}$ (D) $\frac{6}{4}$

Which fraction is not equivalent to 1?

- (A) $\frac{8}{8}$ (B) $\frac{6}{7}$
(C) $\frac{4}{4}$ (D) $\frac{5}{5}$

Which model is equivalent to this?



- (A)  (B) 
(C)  (D) 



Practice

Which shows

$$\frac{6}{4}?$$

- (A)  (B) 
- (C)  (D) 

Which fraction is
equivalent to

$$\frac{6}{9}?$$

- (A) $\frac{5}{12}$ (B) $\frac{18}{48}$
- (C) $\frac{2}{3}$ (D) $\frac{1}{3}$

Which fraction is
equivalent to this?



- (A) $\frac{4}{5}$ (B) $\frac{3}{4}$
- (C) $\frac{18}{20}$ (D) $\frac{10}{20}$

Which fraction is not
equivalent to 1?

- (A) $\frac{12}{12}$ (B) $\frac{6}{6}$
- (C) $\frac{4}{5}$ (D) $\frac{5}{5}$



1

Which correctly shows the work to make equivalent fractions?

(A) $\frac{1}{4} = \frac{3}{7}$
 $\frac{1}{4} \xrightarrow{\times 3} \frac{3}{12}$
 $\frac{3}{12} \xrightarrow{\div 3} \frac{1}{4}$

(B) $\frac{2}{4} = \frac{4}{8}$
 $\frac{2}{4} \xrightarrow{\times 2} \frac{4}{8}$
 $\frac{4}{8} \xrightarrow{\div 2} \frac{2}{4}$

(C) $\frac{1}{3} = \frac{3}{8}$
 $\frac{1}{3} \xrightarrow{\times 3} \frac{3}{9}$
 $\frac{3}{9} \xrightarrow{\div 3} \frac{1}{3}$

(D) $\frac{3}{5} = \frac{6}{12}$
 $\frac{3}{5} \xrightarrow{\times 2} \frac{6}{10}$
 $\frac{6}{10} \xrightarrow{\div 2} \frac{3}{5}$

2

Which fraction with the numerator of 9 is equal to 1?

(A) $\frac{9}{1}$

(B) $\frac{1}{9}$

(C) $\frac{9}{10}$

(D) $\frac{9}{9}$

3

Which fraction with the numerator of 7 is equal to 1?

(A) $\frac{7}{1}$

(B) $\frac{1}{7}$

(C) $\frac{7}{10}$

(D) $\frac{7}{7}$

4

Which is an improper fraction with a denominator of 2?

(A) $\frac{2}{3}$

(B) $\frac{3}{2}$

(C) $\frac{2}{1}$

(D) $\frac{1}{2}$

5

Which fraction is not equivalent to 1?

(A) $\frac{4}{4}$

(B) $\frac{7}{7}$

(C) $\frac{6}{3}$

(D) $\frac{2}{2}$

6

Which fraction is equivalent to this?



(A) $\frac{2}{5}$

(B) $\frac{3}{8}$

(C) $\frac{3}{10}$

(D) $\frac{3}{5}$



7

Which is an improper fraction with a denominator of 6?

(A) $\frac{5}{6}$

(B) $\frac{6}{4}$

(C) $\frac{7}{6}$

(D) $\frac{4}{6}$

8

Which fraction is equivalent to this?



(A) $\frac{4}{9}$

(B) $\frac{5}{6}$

(C) $\frac{2}{5}$

(D) $\frac{8}{10}$

9

Which fraction needs the most parts to make 1 whole?

(A) $\frac{1}{10}$

(B) $\frac{1}{5}$

(C) $\frac{1}{6}$

(D) $\frac{1}{9}$

10

Which fraction needs the most parts to make 1 whole?

(A) $\frac{1}{2}$

(B) $\frac{1}{7}$

(C) $\frac{1}{5}$

(D) $\frac{1}{6}$

11

Which correctly shows the work to make equivalent fractions?

(A) $\frac{9}{15} = \frac{3}{4}$
 (An arrow above the fraction points from 9 to 3 with $\div 3$ above it. An arrow below the fraction points from 15 to 4 with $\div 3$ below it.)

(B) $\frac{16}{32} = \frac{4}{16}$
 (An arrow above the fraction points from 16 to 4 with $\div 4$ above it. An arrow below the fraction points from 32 to 16 with $\div 4$ below it.)

(C) $\frac{9}{15} = \frac{3}{4}$
 (An arrow above the fraction points from 9 to 3 with $\div 3$ above it. An arrow below the fraction points from 15 to 4 with $\div 3$ below it.)

(D) $\frac{15}{18} = \frac{5}{6}$
 (An arrow above the fraction points from 15 to 5 with $\div 3$ above it. An arrow below the fraction points from 18 to 6 with $\div 3$ below it.)

12

Which correctly shows the work to make equivalent fractions?

(A) $\frac{12}{36} = \frac{1}{3}$
 (An arrow above the fraction points from 12 to 1 with $\div 4$ above it. An arrow below the fraction points from 36 to 3 with $\div 4$ below it.)

(B) $\frac{12}{15} = \frac{3}{5}$
 (An arrow above the fraction points from 12 to 3 with $\div 3$ above it. An arrow below the fraction points from 15 to 5 with $\div 3$ below it.)

(C) $\frac{15}{20} = \frac{3}{4}$
 (An arrow above the fraction points from 15 to 3 with $\div 5$ above it. An arrow below the fraction points from 20 to 4 with $\div 5$ below it.)

(D) $\frac{12}{27} = \frac{9}{24}$
 (An arrow above the fraction points from 12 to 9 with $\div 3$ above it. An arrow below the fraction points from 27 to 24 with $\div 3$ below it.)



13

Which correctly shows the work to make equivalent fractions?

(A) $\frac{1}{4} = \frac{3}{4}$
 Multiplication arrows: $\frac{1}{4} \xrightarrow{\times 1} \frac{3}{4}$ and $\frac{1}{4} \xrightarrow{\times 1} \frac{3}{4}$

(B) $\frac{2}{4} = \frac{1}{2}$
 Multiplication arrows: $\frac{2}{4} \xrightarrow{\times 2} \frac{1}{2}$ and $\frac{2}{4} \xrightarrow{\times 2} \frac{1}{2}$

(C) $\frac{1}{3} = \frac{2}{6}$
 Multiplication arrows: $\frac{1}{3} \xrightarrow{\times 2} \frac{2}{6}$ and $\frac{1}{3} \xrightarrow{\times 2} \frac{2}{6}$

(D) $\frac{2}{3} = \frac{4}{9}$
 Multiplication arrows: $\frac{2}{3} \xrightarrow{\times 3} \frac{4}{9}$ and $\frac{2}{3} \xrightarrow{\times 3} \frac{4}{9}$

14

Which fraction is equivalent to

$\frac{4}{16}$?

(A) $\frac{1}{8}$

(B) $\frac{1}{4}$

(C) $\frac{4}{8}$

(D) Not shown

15

Which fraction with a denominator of 8 is equivalent to

$\frac{12}{32}$?

(A) $\frac{3}{8}$

(B) $\frac{8}{32}$

(C) $\frac{6}{8}$

(D) $\frac{8}{16}$

16

Which fraction is equivalent to

$\frac{8}{24}$?

(A) $\frac{5}{12}$

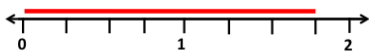
(B) $\frac{18}{48}$

(C) $\frac{4}{6}$

(D) $\frac{1}{3}$

17

What fraction is represented in this number line?



(A) $\frac{5}{4}$

(B) $\frac{4}{2}$

(C) $\frac{6}{4}$

(D) $\frac{7}{4}$

18

Which set of fractions is ordered from least to greatest?

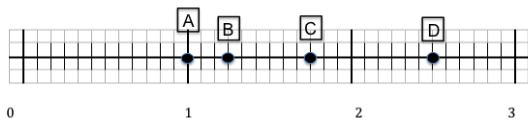
(A) $1 \frac{4}{9}, \frac{6}{9}, \frac{10}{9}$ (B) $\frac{5}{15}, \frac{4}{5}, \frac{2}{3}$

(C) $\frac{5}{2}, \frac{1}{2}, \frac{10}{2}$ (D) $\frac{4}{20}, \frac{4}{5}, \frac{6}{4}$



19

What fraction should be in the box labeled B?



(A) $\frac{5}{4}$

(B) $\frac{12}{12}$

(C) $\frac{15}{6}$

(D) $1\frac{3}{4}$

