

Name: _____ Class: _____

FIND COMMON DENOMINATOR



1. Find least common multiples.

a. 5 and 6

Multiples of 5: 5; 10, _____; _____; _____; _____; _____

Multiples of 6: 6; 12, _____; _____; _____; _____; _____

Least common multiples of 5 and 6:

b. 2, 4 and 8

Multiples of 2: _____; _____; _____; _____; _____

Multiples of 4: _____; _____; _____; _____; _____

Multiples of 8: _____; _____; _____; _____; _____

Least common multiples of 2, 4 and 8:

2. Choose all the common denominators for $\frac{1}{3}$ and $\frac{5}{4}$.

☐ 9

☐ 12

☐ 18

☐ 21

☐ 24

☐ 36

Least common denominator: ☐

3. Write the missing number.

a. $\frac{2}{5}$ and $\frac{3}{8}$

Least common denominator:

$$\frac{2}{5} = \frac{\boxed{}}{\boxed{}} ; \frac{3}{8} = \frac{\boxed{}}{\boxed{}}$$

$\times \frac{\boxed{}}{\boxed{}}$
 $\times \frac{\boxed{}}{\boxed{}}$

b. $\frac{1}{3}$ and $\frac{4}{9}$

Least common denominator:

$$\frac{1}{3} = \frac{\boxed{}}{\boxed{}} ; \frac{4}{9} = \frac{\boxed{}}{\boxed{}}$$

$\times \frac{\boxed{}}{\boxed{}}$
 $\times \frac{\boxed{}}{\boxed{}}$

c. $\frac{5}{8}$ and $\frac{1}{7}$

Least common denominator:

$$\frac{5}{8} = \frac{\boxed{}}{\boxed{}} ; \frac{1}{7} = \frac{\boxed{}}{\boxed{}}$$

$\times \frac{\boxed{}}{\boxed{}}$
 $\times \frac{\boxed{}}{\boxed{}}$

d. $\frac{4}{6}$ and $\frac{3}{4}$

Least common denominator:

$$\frac{4}{6} = \frac{\boxed{}}{\boxed{}} ; \frac{3}{4} = \frac{\boxed{}}{\boxed{}}$$

$\times \frac{\boxed{}}{\boxed{}}$
 $\times \frac{\boxed{}}{\boxed{}}$