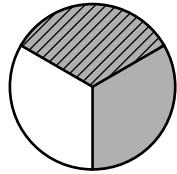


1.

- (A) (B) (C)

2.

- (A) $\frac{0}{4}$ (B) $\frac{1}{4}$ (C) $\frac{2}{4}$



3.

- (A) (B) (C)

4.

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



5.

- (A) $\frac{9}{12} - \frac{8}{12}$ (B) $\frac{9}{16} - \frac{8}{16}$ (C) $\frac{9}{16} - \frac{1}{16}$

6.

- (A) $\frac{1}{1}$ (B) $\frac{1}{12}$ (C) $\frac{1}{16}$

7.

(A) $\frac{6}{6}$
 (B) 1
 (C) A and B

$$\begin{array}{r} \frac{1}{6} \\ + \frac{5}{6} \\ \hline \end{array}$$

— = —

8.

(A) $\frac{6}{20}$
 (B) $\frac{6}{10}$
 (C) $\frac{13}{13}$

$$\begin{array}{r} \frac{3}{10} \\ + \frac{3}{10} \\ \hline \end{array}$$

— = —

9.

(A) $5\frac{3}{4}$
 (B) $5\frac{5}{16}$
 (C) $5\frac{7}{16}$

$$\begin{array}{r} 1\frac{7}{16} \\ + 4\frac{5}{16} \\ \hline \end{array}$$

— = —

10.

(A) $\frac{1}{6}$
 (B) $\frac{12}{12}$
 (C) $\frac{5}{7}$

$$\begin{array}{r} \frac{7}{12} \\ - \frac{5}{12} \\ \hline \end{array}$$

— = —

11.

(A) $\frac{3}{4}$
 (B) $\frac{1}{2}$
 (C) $\frac{1}{5}$

$$\begin{array}{r} \frac{5}{8} \\ - \frac{1}{8} \\ \hline \end{array}$$

— = —

12.

(A) 4
 (B) $3\frac{1}{4}$
 (C) 3

$$\begin{array}{r} 3\frac{1}{2} \\ - \frac{1}{2} \\ \hline \end{array}$$

— = —



=

13.



14.

- (A) $\frac{4}{12}$ (B) $\frac{4}{8}$ (C) $\frac{7}{8}$



=

15.

- (A) $\frac{1}{3} + \frac{5}{12}$ (B) $\frac{1}{6} + \frac{2}{3}$ (C) $\frac{1}{12} + \frac{5}{6}$

16.

- (A) $\frac{4}{6}$ (B) $\frac{6}{15}$ (C) $\frac{9}{12}$

17.

$$\begin{array}{r} \frac{5}{8} \\ + \frac{3}{5} \\ \hline \end{array}$$

(A) $\frac{8}{13}$
 (B) $\frac{39}{40}$
 (C) $1\frac{9}{40}$

— = —

18.

$$\begin{array}{r} 1\frac{1}{6} \\ + 1\frac{2}{9} \\ \hline \end{array}$$

(A) $2\frac{1}{5}$
 (B) $2\frac{7}{18}$
 (C) $2\frac{3}{54}$

—

19.

$$\begin{array}{r} 1\frac{11}{16} \\ - \frac{5}{8} \\ \hline \end{array}$$

(A) $\frac{1}{8}$
 (B) $\frac{1}{16}$
 (C) $\frac{6}{16}$

—

20.

$$\begin{array}{r} 1\frac{3}{8} \\ - \frac{5}{6} \\ \hline \end{array}$$

(A) $\frac{1}{2}$
 (B) $1\frac{2}{3}$
 (C) $\frac{13}{24}$

—

21.

$$\begin{array}{r} 3\frac{1}{8} \\ - 1\frac{1}{2} \\ \hline \end{array}$$

(A) $1\frac{5}{8}$
 (B) $2\frac{0}{6}$
 (C) $1\frac{7}{8}$

—

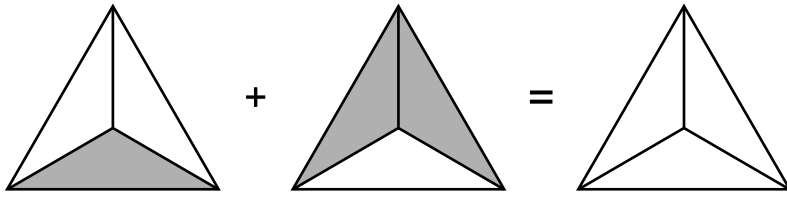
22.

$$\begin{array}{r} 8\frac{2}{3} \\ + 6\frac{3}{4} \\ \hline \end{array}$$

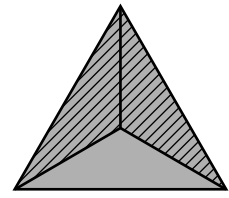
(A) $14\frac{5}{7}$
 (B) $15\frac{5}{12}$
 (C) $15\frac{7}{12}$

— = —

1.

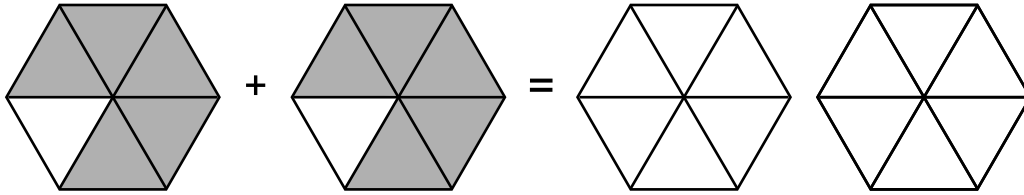


$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$



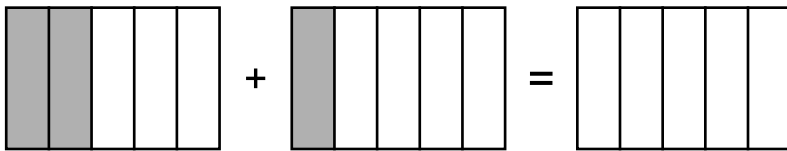
$$\frac{2}{3} = \frac{2}{3}$$

2.



$$\frac{3}{6} + \frac{3}{6} = \frac{6}{6} = 1$$

3.



$$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$$

4.



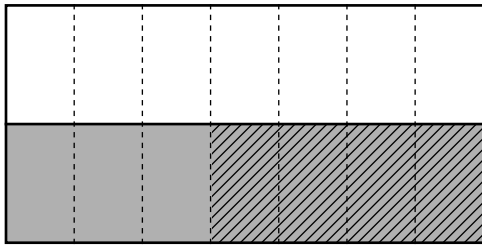
$$\frac{5}{10} + \frac{5}{10} = \frac{10}{10} = 1$$

5.



$$\frac{4}{6} + \frac{2}{6} = \frac{6}{6} = 1$$

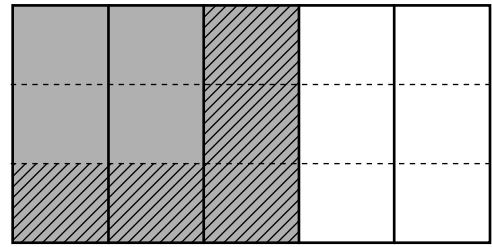
1.



$$\frac{1}{2} - \frac{2}{7} =$$

$$\frac{7}{14} - \frac{4}{14} = \frac{\quad}{14}$$

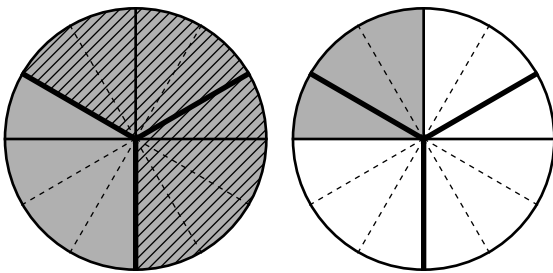
2.



$$\frac{3}{5} - \frac{1}{3} =$$

$$\frac{\quad}{15} - \frac{5}{15} = \frac{4}{\quad}$$

3.

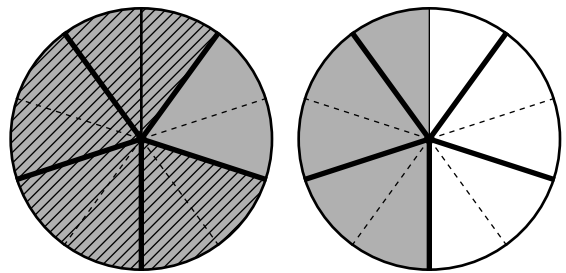


$$1 \frac{1}{4} - \frac{2}{3} =$$

$$\frac{5}{4} - \frac{2}{3} =$$

$$\frac{15}{12} - \frac{8}{12} = \frac{\quad}{12}$$

4.



$$1 \frac{1}{2} - \frac{4}{5} =$$

$$\frac{3}{2} - \frac{4}{5} =$$

$$\frac{\quad}{10} - \frac{8}{10} = \frac{\quad}{\quad}$$

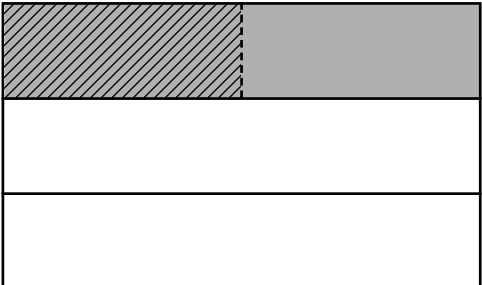
5.

$$\begin{array}{r} \frac{2}{3} = \frac{\quad}{24} \\ - \frac{5}{8} = \frac{\quad}{24} \\ \hline \frac{\quad}{24} \end{array}$$

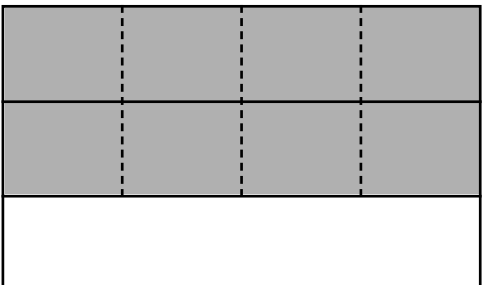
6.

$$\begin{array}{r} \frac{4}{9} = \frac{12}{\quad} \\ - \frac{1}{3} = \frac{9}{\quad} \\ \hline \frac{\quad}{\quad} = \frac{\quad}{\quad} \end{array}$$


1.

$\frac{1}{3} \div 2 =$

 $= \frac{1}{3} \div \frac{2}{1}$
 $= \text{---} \times \text{---} = \text{---}$

2.

$\frac{2}{3} \div 4 =$

 $= \frac{2}{3} \div \text{---}$
 $= \frac{2}{3} \times \text{---} = \text{---}$

3.

$\frac{5}{8} \div 2 =$

 $= \text{---} \div \text{---}$
 $= \text{---} \times \text{---} = \text{---}$

To divide a fraction
by a whole number:

1. Write the first fraction.
2. Rename the divisor as a fraction.
3. Invert the divisor.
4. Multiply the numerators.
5. Multiply the denominators.

1.

$$\frac{1}{2} \times \frac{4}{5} = \begin{array}{|c|c|c|c|c|} \hline \text{shaded} & \text{shaded} & \text{shaded} & \text{shaded} & \text{white} \\ \hline \end{array} = \frac{1}{2} \times \frac{4}{5} = \frac{4}{10} = \frac{2}{5}$$

2.

$$\frac{1}{2} \times \frac{6}{7} = \begin{array}{|c|c|c|c|c|c|c|} \hline \text{shaded} & \text{shaded} & \text{shaded} & \text{shaded} & \text{shaded} & \text{shaded} & \text{white} \\ \hline \end{array} = \text{---} \times \text{---} = \text{---} = \text{---}$$

3.

$$\frac{1}{2} \times \frac{2}{3} = \begin{array}{|c|c|c|} \hline \text{shaded} & \text{shaded} & \text{white} \\ \hline \end{array} = \text{---} \times \text{---} = \text{---} = \text{---}$$

4.

$$\frac{1}{3} \times \frac{9}{10} = \begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \text{white} & \text{white} & \text{white} & \text{white} & \text{white} & \text{white} & \text{white} & \text{white} & \text{white} & \text{white} \\ \hline \end{array} = \text{---} \times \text{---} = \text{---} = \text{---}$$

5.

$$\frac{3}{4} \times \frac{1}{6} = \text{---} = \text{---}$$

6.

$$\frac{4}{5} \times \frac{2}{7} = \text{---}$$

7.

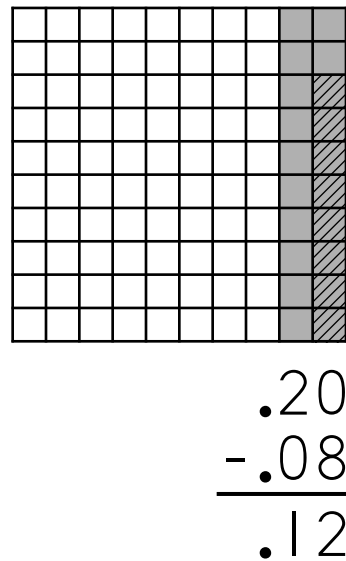
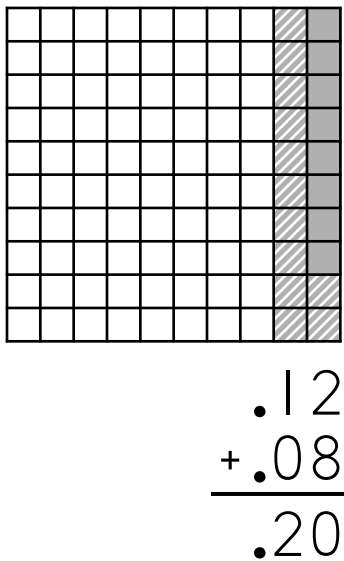
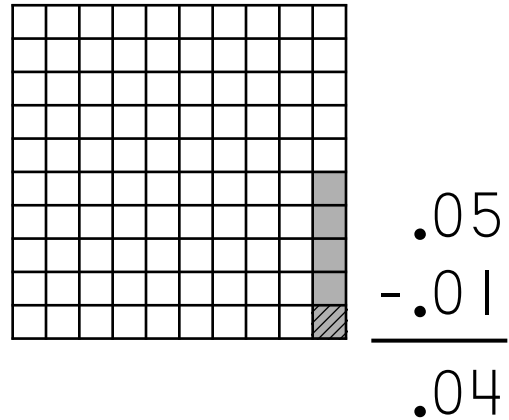
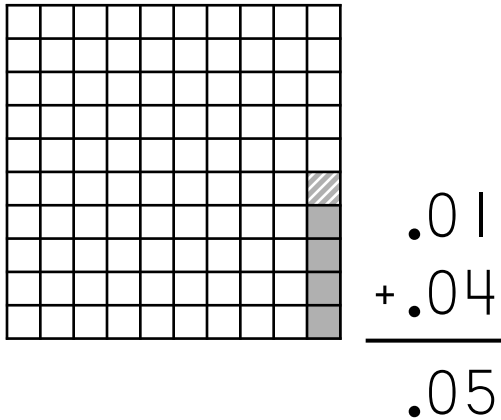
$$\frac{5}{8} \times \frac{2}{3} = \text{---} = \text{---}$$

8.

$$\frac{7}{10} \times \frac{1}{8} = \text{---}$$

To multiply a fraction by a fraction:

1. Multiply the numerators.
2. Multiply the denominators.
3. Simplify the answer.



1.

$$\begin{array}{r} .13 \\ +.04 \\ \hline \end{array}$$

2.

$$\begin{array}{r} .53 \\ +.22 \\ \hline \end{array}$$

3.

$$\begin{array}{r} .87 \\ - .06 \\ \hline \end{array}$$

4.

$$\begin{array}{r} .41 \\ - .21 \\ \hline \end{array}$$

5.

$$\begin{array}{r} .34 \\ +.07 \\ \hline \end{array}$$

6.

$$\begin{array}{r} .57 \\ +.26 \\ \hline \end{array}$$

7.

$$\begin{array}{r} .91 \\ - .08 \\ \hline \end{array}$$

8.

$$\begin{array}{r} .83 \\ - .16 \\ \hline \end{array}$$