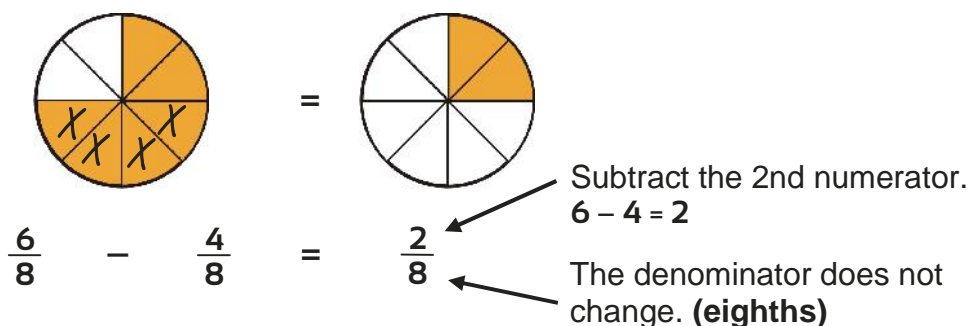


Name _____

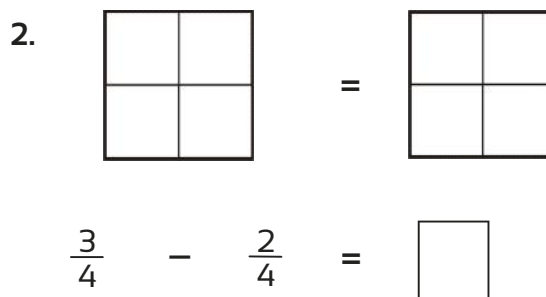
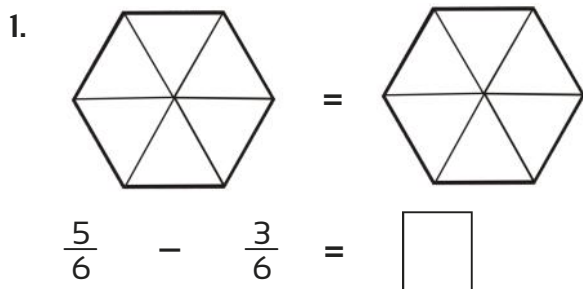
FRACTIONS ADDITION & SUBTRACTION

Subtracting Fractions with Like Denominators No Regrouping - Horizontally

Subtracting fractions with like denominators is easy.



Shade the first fraction, then cross out those taken away. Shade and write the answer.



Now subtract these.

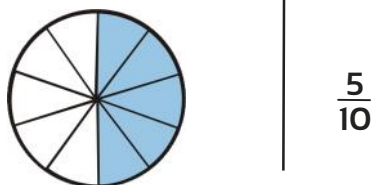
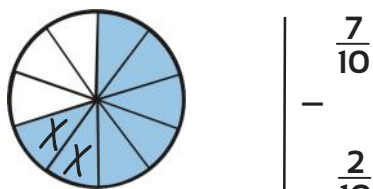
- | | | |
|--|--|--|
| 3) $\frac{4}{6} - \frac{1}{6} =$ _____ | 7) $\frac{5}{10} - \frac{2}{10} =$ _____ | 11) $\frac{11}{12} - \frac{6}{12} =$ _____ |
| 4) $\frac{8}{9} - \frac{4}{9} =$ _____ | 8) $\frac{6}{7} - \frac{4}{7} =$ _____ | 12) $\frac{3}{5} - \frac{3}{5} =$ _____ |
| 5) $\frac{4}{5} - \frac{1}{5} =$ _____ | 9) $\frac{8}{10} - \frac{3}{10} =$ _____ | 13) $\frac{10}{12} - \frac{2}{12} =$ _____ |
| 6) $\frac{2}{3} - \frac{1}{3} =$ _____ | 10) $\frac{5}{7} - \frac{2}{7} =$ _____ | 14) $\frac{4}{5} - \frac{3}{5} =$ _____ |

Name _____

FRACTIONS ADDITION & SUBTRACTION

Subtracting Common Fractions with Like Denominators No Regrouping - Vertically

When adding common fractions vertically, make sure the common fractions are lined up.



Shade the first fraction, then cross out those taken away. Shade and write the answer.

1)

$$\begin{array}{r} \frac{7}{8} \\ - \frac{5}{8} \\ \hline \end{array}$$

Now subtract these.

2)
$$\begin{array}{r} \frac{7}{9} \\ - \frac{5}{9} \\ \hline \end{array}$$

5)
$$\begin{array}{r} \frac{6}{8} \\ - \frac{4}{8} \\ \hline \end{array}$$

8)
$$\begin{array}{r} \frac{8}{10} \\ - \frac{4}{10} \\ \hline \end{array}$$

11)
$$\begin{array}{r} \frac{4}{5} \\ - \frac{2}{5} \\ \hline \end{array}$$

3)
$$\begin{array}{r} \frac{4}{7} \\ - \frac{2}{7} \\ \hline \end{array}$$

6)
$$\begin{array}{r} \frac{4}{6} \\ - \frac{2}{6} \\ \hline \end{array}$$

9)
$$\begin{array}{r} \frac{3}{8} \\ - \frac{2}{8} \\ \hline \end{array}$$

12)
$$\begin{array}{r} \frac{2}{3} \\ - \frac{1}{3} \\ \hline \end{array}$$

4)
$$\begin{array}{r} \frac{4}{9} \\ - \frac{2}{9} \\ \hline \end{array}$$

7)
$$\begin{array}{r} \frac{6}{7} \\ - \frac{2}{7} \\ \hline \end{array}$$

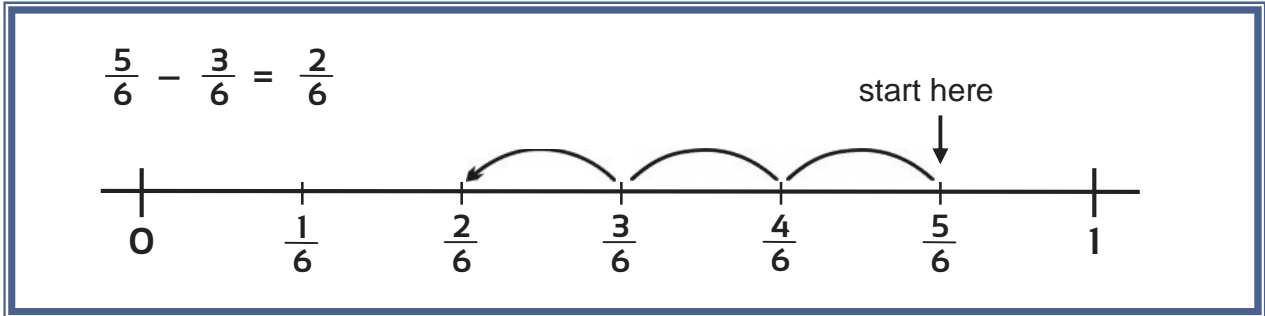
10)
$$\begin{array}{r} \frac{6}{10} \\ - \frac{2}{10} \\ \hline \end{array}$$

13)
$$\begin{array}{r} \frac{2}{5} \\ - \frac{1}{5} \\ \hline \end{array}$$

Name _____

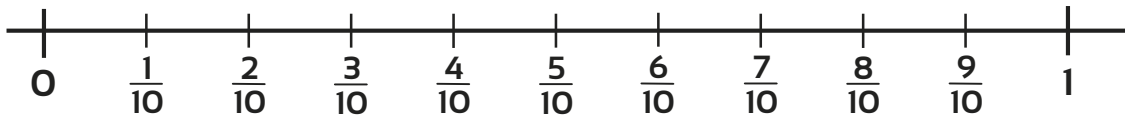
FRACTIONS ADDITION & SUBTRACTION

Subtracting Fractions with Like Denominators No Regrouping - Number Line



Use the number lines to answer these questions:

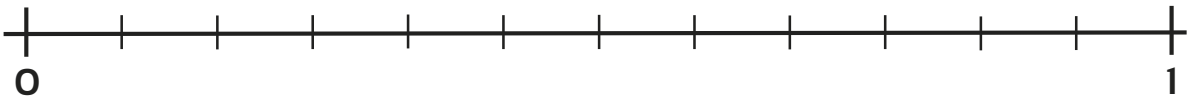
1) $\frac{8}{10} - \frac{5}{10} = \square$



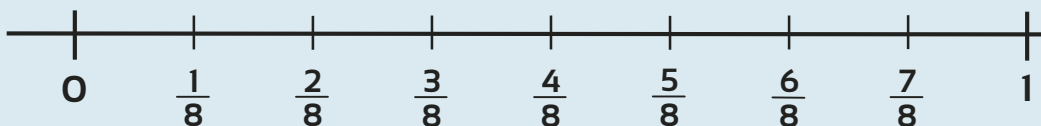
2) $\frac{4}{5} - \frac{2}{5} = \square$



3) $\frac{10}{12} - \frac{5}{12} = \square$



4) $\frac{5}{8} - \frac{3}{8} = \square$

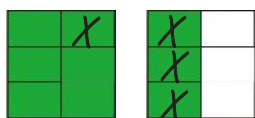


Name _____

FRACTIONS ADDITION & SUBTRACTION

Subtracting Fractions with Like Denominators Regrouping - Horizontally

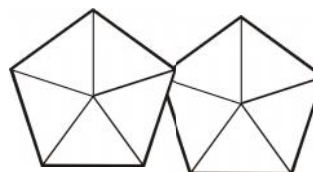
When subtracting a fraction from a mixed number, the mixed number sometimes has to be converted to an improper fraction first.



$$1 \frac{3}{6} - \frac{4}{6} = \frac{5}{6}$$

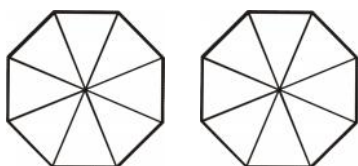
Shade the first fraction, then cross out those taken away. You will need to convert the mixed number to an improper fraction. Write the answer.

1)



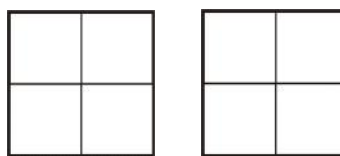
$$1 \frac{3}{5} - \frac{4}{5} =$$

2)



$$1 \frac{5}{8} - \frac{7}{8} =$$

3)



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

Subtract these. Change the mixed number to an improper fraction first.

4) $1 \frac{4}{6} - \frac{5}{6} =$ _____

8) $1 \frac{3}{10} - \frac{8}{10} =$ _____

12) $1 \frac{3}{12} - \frac{7}{12} =$ _____

5) $1 \frac{2}{9} - \frac{5}{9} =$ _____

9) $1 \frac{4}{7} - \frac{6}{7} =$ _____

13) $1 \frac{2}{5} - \frac{3}{5} =$ _____

6) $1 \frac{2}{5} - \frac{4}{5} =$ _____

10) $1 \frac{5}{10} - \frac{6}{10} =$ _____

14) $1 \frac{1}{12} - \frac{2}{12} =$ _____

7) $1 \frac{1}{3} - \frac{2}{3} =$ _____

11) $1 \frac{5}{7} - \frac{6}{7} =$ _____

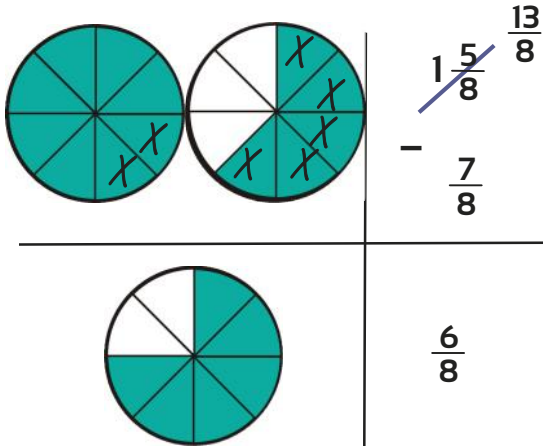
15) $1 \frac{4}{8} - \frac{7}{8} =$ _____

Name _____

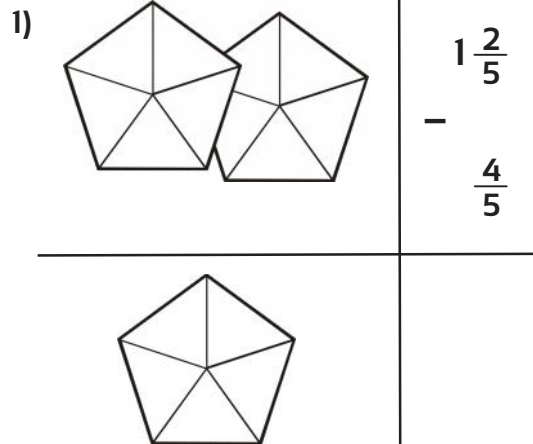
FRACTIONS ADDITION & SUBTRACTION

Subtracting Common Fractions with Like Denominators Regrouping - Vertically

When subtracting a fraction from a mixed number, the mixed number sometimes has to be converted to an improper fraction first.



Shade the first fraction, then cross out those taken away. Shade and write the answer.



Now subtract these.

2)

$$1 \frac{4}{7}$$

$$- \frac{5}{7}$$

5)

$$1 \frac{3}{8}$$

$$- \frac{6}{8}$$

8)

$$1 \frac{4}{10}$$

$$- \frac{6}{10}$$

11)

$$1 \frac{1}{5}$$

$$- \frac{2}{5}$$

3)

$$1 \frac{4}{9}$$

$$- \frac{5}{9}$$

6)

$$1 \frac{1}{4}$$

$$- \frac{2}{4}$$

9)

$$1 \frac{4}{10}$$

$$- \frac{9}{10}$$

12)

$$1 \frac{1}{5}$$

$$- \frac{4}{5}$$

4)

$$1 \frac{3}{7}$$

$$- \frac{6}{7}$$

7)

$$1 \frac{4}{6}$$

$$- \frac{5}{6}$$

10)

$$1 \frac{6}{8}$$

$$- \frac{7}{8}$$

13)

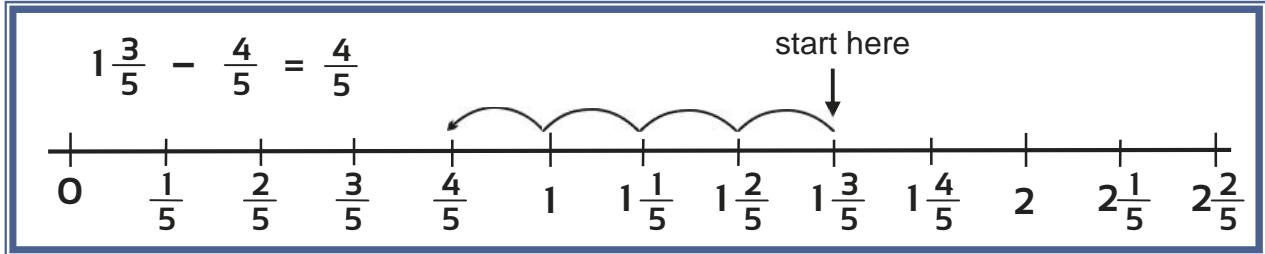
$$1 \frac{1}{3}$$

$$- \frac{2}{3}$$

Name _____

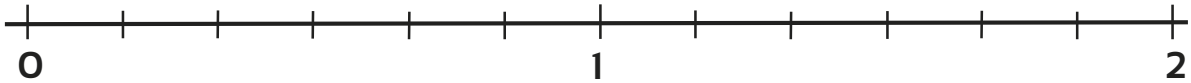
FRACTIONS ADDITION & SUBTRACTION

Subtracting Fractions with Like Denominators Regrouping - Number Line

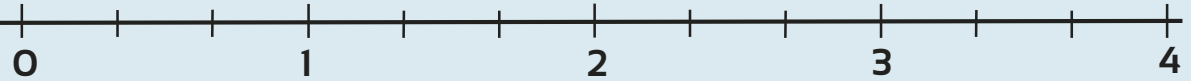


Use the number lines to answer these questions:

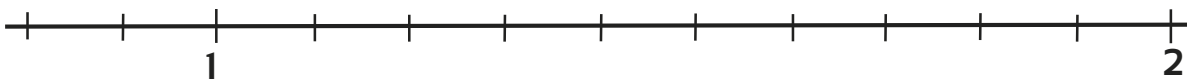
1) $1\frac{3}{6} - \frac{4}{6} = \square$



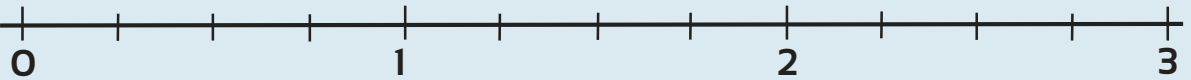
2) $2\frac{1}{3} - \frac{2}{3} = \square$



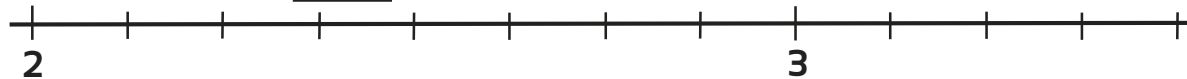
3) $1\frac{7}{10} - \frac{8}{10} = \square$



4) $2\frac{2}{4} - \frac{3}{4} = \square$



5) $3\frac{4}{8} - \frac{7}{8} = \square$



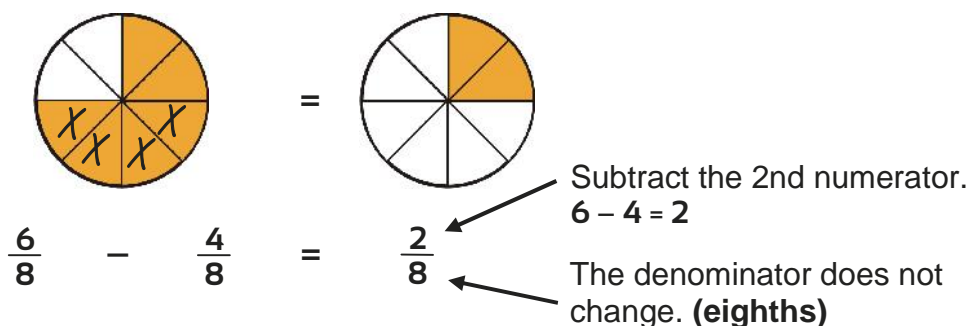
ANSWERS

Name _____

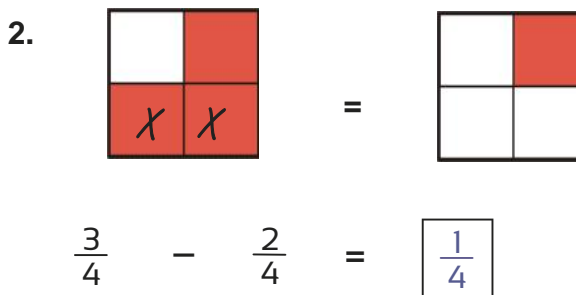
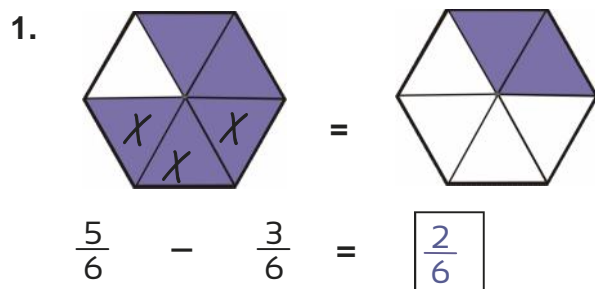
FRACTIONS ADDITION & SUBTRACTION

Subtracting Fractions with Like Denominators No Regrouping - Horizontally

Subtracting fractions with like denominators is easy.



Shade the first fraction, then cross out those taken away. Shade and write the answer.



Now subtract these.

3) $\frac{4}{6} - \frac{1}{6} = \underline{\frac{3}{6}}$

7) $\frac{5}{10} - \frac{2}{10} = \underline{\frac{3}{10}}$

11) $\frac{11}{12} - \frac{6}{12} = \underline{\frac{5}{12}}$

4) $\frac{8}{9} - \frac{4}{9} = \underline{\frac{4}{9}}$

8) $\frac{6}{7} - \frac{4}{7} = \underline{\frac{2}{7}}$

12) $\frac{3}{5} - \frac{3}{5} = \underline{\frac{0}{5}}$

5) $\frac{4}{5} - \frac{1}{5} = \underline{\frac{3}{5}}$

9) $\frac{8}{10} - \frac{3}{10} = \underline{\frac{5}{10}}$

13) $\frac{10}{12} - \frac{2}{12} = \underline{\frac{8}{12}}$

6) $\frac{2}{3} - \frac{1}{3} = \underline{\frac{1}{3}}$

10) $\frac{5}{7} - \frac{2}{7} = \underline{\frac{3}{7}}$

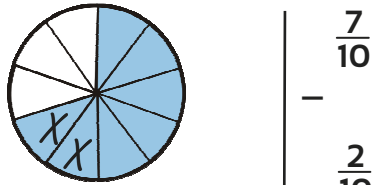
14) $\frac{4}{5} - \frac{3}{5} = \underline{\frac{1}{5}}$

Name _____

FRACTIONS ADDITION & SUBTRACTION

Subtracting Common Fractions with Like Denominators No Regrouping - Vertically

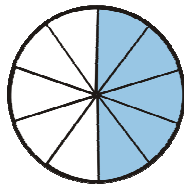
When adding common fractions vertically, make sure the common fractions are lined up.



$$\frac{7}{10}$$

$$-$$

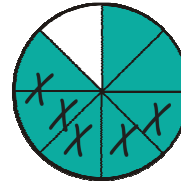
$$\frac{2}{10}$$



$$\frac{5}{10}$$

Shade the first fraction, then cross out those taken away. Shade and write the answer.

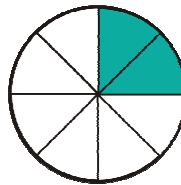
1)



$$\frac{7}{8}$$

$$-$$

$$\frac{5}{8}$$



$$\frac{2}{8}$$

Now subtract these.

2)

$$\begin{array}{r} \frac{7}{9} \\ - \frac{5}{9} \\ \hline \frac{2}{9} \end{array}$$

5)

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

8)

$$\begin{array}{r} \frac{8}{10} \\ - \frac{4}{10} \\ \hline \frac{4}{10} \end{array}$$

11)

$$\begin{array}{r} \frac{4}{5} \\ - \frac{2}{5} \\ \hline \frac{2}{5} \end{array}$$

3)

$$\begin{array}{r} \frac{4}{7} \\ - \frac{2}{7} \\ \hline \frac{2}{7} \end{array}$$

6)

$$\begin{array}{r} \frac{4}{6} \\ - \frac{2}{6} \\ \hline \frac{2}{6} \end{array}$$

9)

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

12)

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

4)

$$\begin{array}{r} \frac{4}{9} \\ - \frac{2}{9} \\ \hline \frac{2}{9} \end{array}$$

7)

$$\begin{array}{r} \frac{6}{7} \\ - \frac{2}{7} \\ \hline \frac{4}{7} \end{array}$$

10)

$$\begin{array}{r} \frac{6}{10} \\ - \frac{2}{10} \\ \hline \frac{4}{10} \end{array}$$

13)

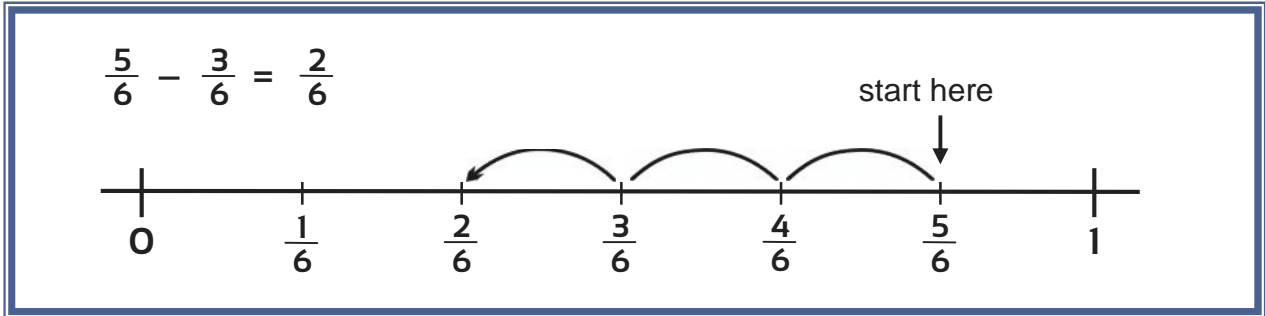
$$\begin{array}{r} \frac{2}{5} \\ - \frac{1}{5} \\ \hline \frac{1}{5} \end{array}$$

ANSWERS

Name _____

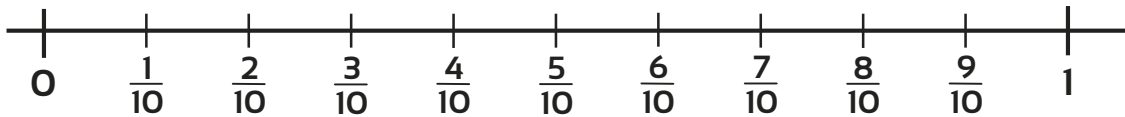
FRACTIONS ADDITION & SUBTRACTION

Subtracting Fractions with Like Denominators No Regrouping - Number Line



Use the number lines to answer these questions:

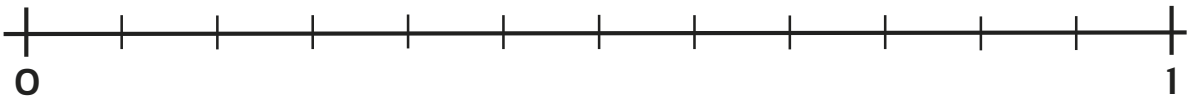
1) $\frac{8}{10} - \frac{5}{10} = \boxed{\frac{3}{10}}$



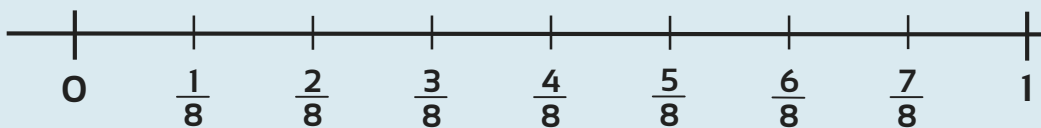
2) $\frac{4}{5} - \frac{2}{5} = \boxed{\frac{2}{5}}$



3) $\frac{10}{12} - \frac{5}{12} = \boxed{\frac{5}{12}}$



4) $\frac{5}{8} - \frac{3}{8} = \boxed{\frac{2}{8}}$



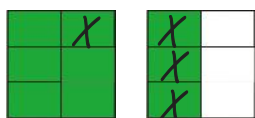
ANSWERS

Name _____

FRACTIONS ADDITION & SUBTRACTION

Subtracting Fractions with Like Denominators Regrouping - Horizontally

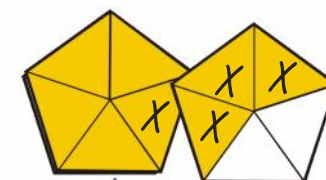
When subtracting a fraction from a mixed number, the mixed number sometimes has to be converted to an improper fraction first.



$$1 \frac{3}{6} \frac{9}{6} - \frac{4}{6} = \frac{5}{6}$$

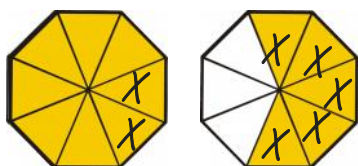
Shade the first fraction, then cross out those taken away. You will need to convert the mixed number to an improper fraction. Write the answer.

1)



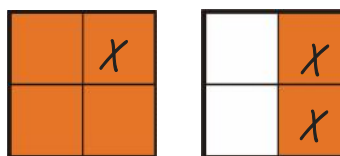
$$1 \frac{3}{5} \frac{4}{5} - \frac{4}{5} = \frac{4}{5}$$

2)



$$1 \frac{5}{8} \frac{13}{8} - \frac{7}{8} = \frac{6}{8}$$

3)



$$1 \frac{2}{4} \frac{6}{4} - \frac{3}{4} = \frac{3}{4}$$

Subtract these. Change the mixed number to an improper fraction first.

4) $1 \frac{4}{6} - \frac{5}{6} = \underline{\frac{5}{6}}$ 8) $1 \frac{3}{10} - \frac{8}{10} = \underline{\frac{5}{10}}$ 12) $1 \frac{3}{12} - \frac{7}{12} = \underline{\frac{8}{12}}$

5) $1 \frac{2}{9} - \frac{5}{9} = \underline{\frac{6}{9}}$ 9) $1 \frac{4}{7} - \frac{6}{7} = \underline{\frac{5}{7}}$ 13) $1 \frac{2}{5} - \frac{3}{5} = \underline{\frac{4}{5}}$

6) $1 \frac{2}{5} - \frac{4}{5} = \underline{\frac{3}{5}}$ 10) $1 \frac{5}{10} - \frac{6}{10} = \underline{\frac{9}{10}}$ 14) $1 \frac{1}{12} - \frac{2}{12} = \underline{\frac{11}{12}}$

7) $1 \frac{1}{3} - \frac{2}{3} = \underline{\frac{2}{3}}$ 11) $1 \frac{5}{7} - \frac{6}{7} = \underline{\frac{6}{7}}$ 15) $1 \frac{4}{8} - \frac{7}{8} = \underline{\frac{5}{8}}$

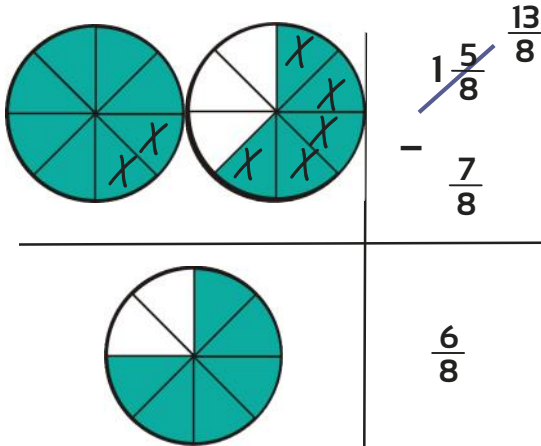
ANSWERS

Name _____

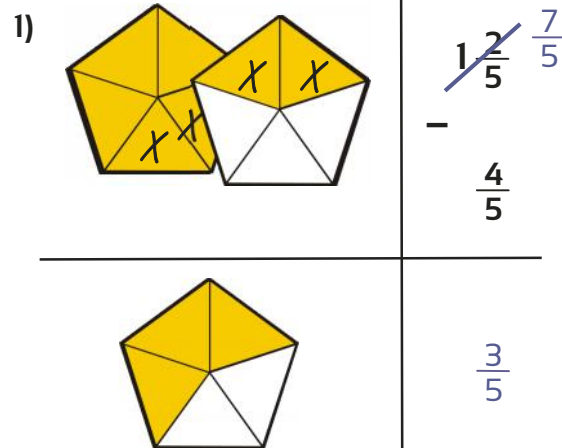
FRACTIONS ADDITION & SUBTRACTION

Subtracting Common Fractions with Like Denominators Regrouping - Vertically

When subtracting a fraction from a mixed number, the mixed number sometimes has to be converted to an improper fraction first.



Shade the first fraction, then cross out those taken away. Shade and write the answer.



Now subtract these.

$$2) \quad 1 \frac{4}{7}$$

$$- \quad \frac{5}{7}$$

$$\frac{6}{7}$$

$$5) \quad 1 \frac{3}{8}$$

$$- \quad \frac{6}{8}$$

$$\frac{5}{8}$$

$$8) \quad 1 \frac{4}{10}$$

$$- \quad \frac{6}{10}$$

$$\frac{8}{10}$$

$$11) \quad 1 \frac{1}{5}$$

$$- \quad \frac{2}{5}$$

$$\frac{4}{5}$$

$$3) \quad 1 \frac{4}{9}$$

$$- \quad \frac{5}{9}$$

$$\frac{8}{9}$$

$$6) \quad 1 \frac{1}{4}$$

$$- \quad \frac{2}{4}$$

$$\frac{3}{4}$$

$$9) \quad 1 \frac{4}{10}$$

$$- \quad \frac{9}{10}$$

$$\frac{5}{10}$$

$$12) \quad 1 \frac{1}{5}$$

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

$$\frac{2}{5}$$

$$4) \quad 1 \frac{3}{7}$$

$$- \quad \frac{6}{7}$$

$$\frac{4}{7}$$

$$7) \quad 1 \frac{4}{6}$$

$$- \quad \frac{5}{6}$$

$$\frac{5}{6}$$

$$10) \quad 1 \frac{6}{8}$$

$$- \quad \frac{7}{8}$$

$$\frac{7}{8}$$

$$13) \quad 1 \frac{1}{3}$$

$$- \quad \frac{2}{3}$$

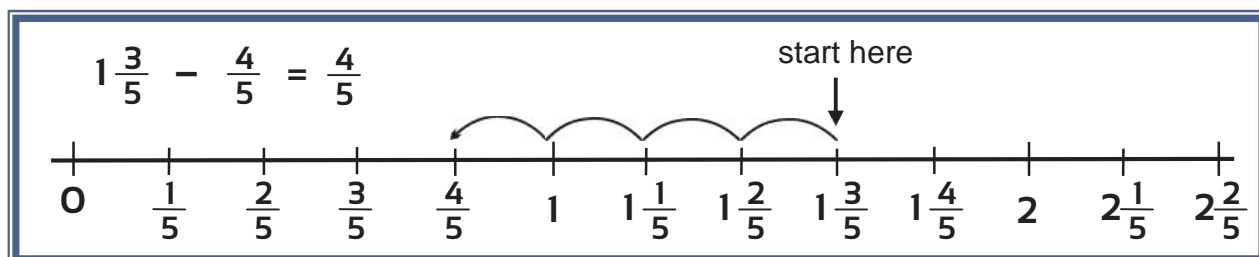
$$\frac{2}{3}$$

ANSWERS

Name _____

FRACTIONS ADDITION & SUBTRACTION

Subtracting Fractions with Like Denominators Regrouping - Number Line

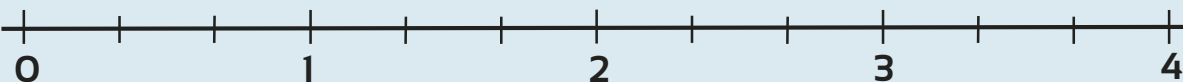


Use the number lines to answer these questions:

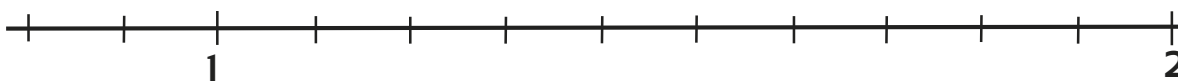
1) $1\frac{3}{6} - \frac{4}{6} = \boxed{\frac{5}{6}}$



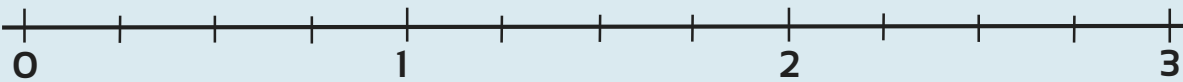
2) $2\frac{1}{3} - \frac{2}{3} = \boxed{1\frac{2}{3}}$



3) $1\frac{7}{10} - \frac{8}{10} = \boxed{\frac{9}{10}}$



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



5) $3\frac{4}{8} - \frac{7}{8} = \boxed{2\frac{5}{8}}$

