Quick Review



When you subtract 7 - 3, you could think:

What do I add to 3 to make 7?

You can use the same strategy to subtract fractions.

To subtract $\frac{7}{12} - \frac{1}{2}$, use fraction strips and a number line.

Think: What do I add to $\frac{1}{2}$ to get $\frac{7}{12}$?

The lowest common multiple of 12 and 2 is 12.

Use a number line that shows twelfths.

Place the $\frac{1}{2}$ strip on the number line with its right end at $\frac{7}{12}$.



The left end of the strip is at $\frac{1}{12}$.

So,
$$\frac{7}{12} - \frac{1}{2} = \frac{1}{12}$$

Practice

1. Use Pattern Blocks. Subtract.

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

b)
$$\frac{5}{6} - \frac{4}{6} =$$

b)
$$\frac{5}{6} - \frac{4}{6} =$$
 c) $\frac{2}{3} - \frac{1}{2} =$ e) $\frac{1}{2} - \frac{1}{6} =$ f) $\frac{1}{2} - \frac{3}{6} =$

d)
$$\frac{2}{3} - \frac{2}{6} =$$

e)
$$\frac{1}{2} - \frac{1}{6} =$$

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

2. Use Pattern Blocks. Is each difference greater than $\frac{1}{2}$ or less than $\frac{1}{2}$? Show how you know.

a)
$$\frac{5}{6} - \frac{1}{6}$$

b)
$$1 - \frac{1}{3}$$

c)
$$\frac{5}{6} - \frac{1}{2}$$

3. Use each diagram to subtract.

a)



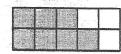
$$\frac{3}{4} - \frac{1}{2} =$$

b)



$$\frac{5}{6} - \frac{2}{3} =$$

C)



$$\frac{7}{10} - \frac{3}{5} =$$

4. Use fraction circles to subtract.

a)
$$\frac{9}{10} - \frac{2}{5} =$$

b)
$$\frac{5}{8} - \frac{1}{4} =$$

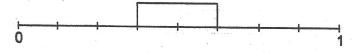
b)
$$\frac{5}{8} - \frac{1}{4} =$$
 _____ c) $1 - \frac{2}{3} =$ _____

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

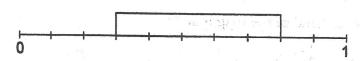
e)
$$\frac{4}{5} - \frac{1}{2} =$$

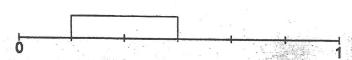
e)
$$\frac{4}{5} - \frac{1}{2} = \frac{1}{4} = \frac{1}{4}$$

5. Write a subtraction equation for each picture.



b)





6. Subtract.

$$\frac{6}{10} - \frac{2}{5}$$

The lowest common multiple of 10 and 5 is: _____

Use a number line that shows ___



Place the $\frac{2}{5}$ fraction strip on the number line with the right end at $\frac{6}{10}$.

The left end of the $\frac{2}{5}$ strip is at:

So,
$$\frac{6}{10} - \frac{2}{5} =$$

7. Subtract.

a)
$$\frac{5}{6} - \frac{1}{6}$$

Use a number line that shows:

b)
$$\frac{7}{8} - \frac{3}{4}$$

Use a number line that shows:

The left end of the $\frac{1}{6}$ strip is at:

So,
$$\frac{5}{6} - \frac{1}{6} =$$

The left end of the $\frac{3}{4}$ strip is at:

So,
$$\frac{7}{8} - \frac{3}{4} =$$

8. Subtract.

a)
$$\frac{9}{10} - \frac{1}{2} =$$

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

c)
$$\frac{11}{6} - \frac{1}{3} =$$

d)
$$1 - \frac{5}{8} = \frac{1}{2}$$

9. Sergio has $\frac{7}{8}$ of a cup of trail mix. He gives Lien $\frac{3}{4}$ of a cup. How much does Sergio have left? Use pictures, numbers, and words.

10. Kate drank $\frac{7}{10}$ of a glass of buttermilk.

Vicky drank $\frac{4}{5}$ of a glass.

- a) Who drank more buttermilk?
- b) How much more did she drink? Explain how you know.

11. Write 5 subtraction statements with a difference of $\frac{1}{2}$.