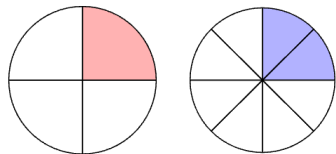


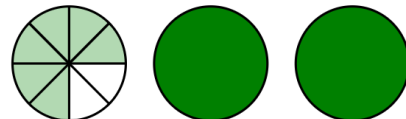
Warmup

1. What fraction of the circles are shaded?



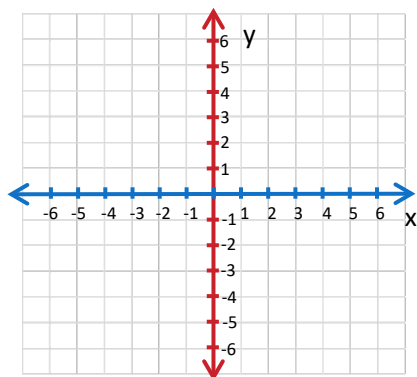
2. What is the LCM of 10 and 8?

3. Write the improper fraction and mixed number that represents the shaded section



4. Plot the points

A:(5,-1), B:(2,4), C:(0,-3), D:(-4,-3)



5. Calculate:

$$\frac{7}{12} + \frac{3}{12} = \text{---}$$

Is the fraction written in simplest form? Yes / No

If the fraction is not in simplest form, reduce it.

6. Label the top and bottom of the fraction with the proper names.

I. Same or Different Denominators

Determine if each pair of fractions have the same or different denominators.

$$\frac{3}{4} \text{ and } \frac{3}{5}$$

Same

Different

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

Same

Different

$$\frac{5}{6} \text{ and } \frac{3}{9}$$

Same

Different

7. Does each pair of fractions have the same or different denominators?

$$\frac{2}{3} \text{ and } \frac{4}{5}$$

Same

Different

$$\frac{1}{6} \text{ and } \frac{5}{6}$$

Same

Different

$$\frac{4}{9} \text{ and } \frac{4}{7}$$

Same

Different

Fraction Addition and Subtraction:

Fractions must have the same denominator before calculating the sum or difference.

$$\frac{7}{12} + \frac{3}{12} = \text{---}$$

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

II. Adding and Subtracting Fractions with Different Denominators

To Add or Subtract Fractions with Different Denominators:

$$\frac{1}{4} + \frac{2}{8} =$$

1. Determine the LCM of the two denominators.
2. Rewrite the fractions using the LCM as the denominator.
3. Add or subtract the fractions
4. Write the answer in simplest form

9. What is the LCM of the denominators of the fractions $\frac{1}{10}$ and $\frac{3}{8}$?

10.

11. Find the missing numerators

$$\frac{1}{10} = \frac{\quad}{40}$$

$$\frac{3}{8} = \frac{\quad}{40}$$

12.

13. Add or Subtract the Fractions

$$\frac{4}{40} + \frac{15}{40} =$$

14.

Write the answer in simplest form. $\frac{19}{40}$ is in simplest form. It is a proper fraction and the GCF of the numerator and denominator is 1.

Practice Questions 15 and 17 until you can answer the questions correctly 3 times in a row.

15. Practice Step-By-Step adding Fractions with Different Denominators.

Add or Subtract the Fractions

$$\frac{3}{10} + \frac{1}{2} =$$

16. Add or Subtract the Fractions

$$\frac{8}{9} + \frac{2}{3} =$$

17. Practice Adding Fractions with Different Denominators.

18

19

20

21

22

23

24

25

26

27