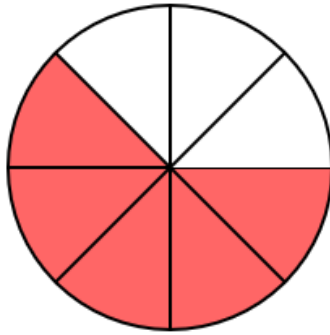


# PLACEMENT ANSWERS

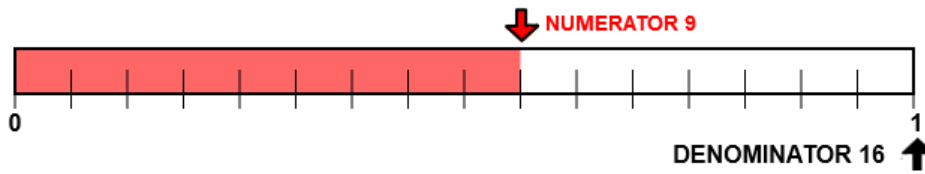
## IDENTIFY FRACTIONS

FRACTION	Number of selected (red) parts	Number of parts in whole circle	Write the number symbol for this fraction	Write the word name for this fraction
1.	3	7	$\frac{3}{7}$	three-sevenths
2.	2	6	$\frac{2}{6}$	two-sixths

3.



4.



5.

$$\frac{3}{7} \quad \text{3 of the 7 cookies are square.}$$

## RENAME FRACTION TO MIXED

6.

FRACTION FORM

$$\frac{12}{5}$$

TO WHOLE OR MIXED FORM

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

7.

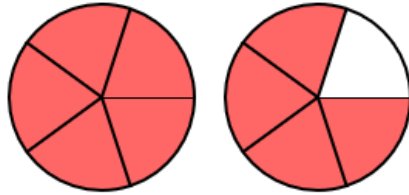
FRACTION FORM

$$\frac{11}{5}$$

TO WHOLE OR MIXED FORM

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

8.



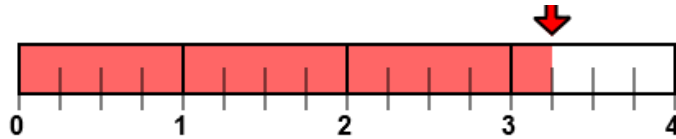
FRACTION FORM

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

TO WHOLE OR MIXED FORM

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

9.



FRACTION FORM

$$\frac{13}{4}$$

TO WHOLE OR MIXED FORM

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

10.

$$\frac{11}{5}$$

=

$$2 \frac{1}{5}$$

## RENAME MIXED TO FRACTION

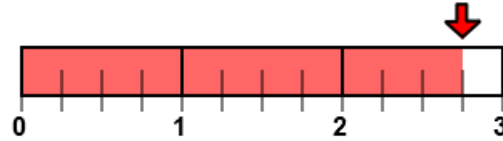
11.

$$\frac{29}{8}$$

12.

$$\frac{17}{7}$$

13.

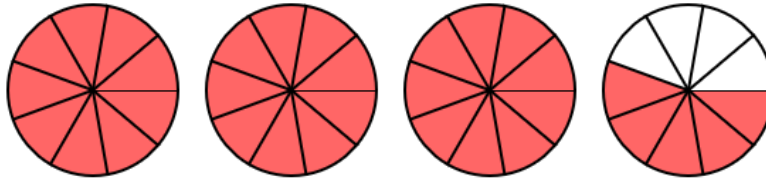


WHOLE OR MIXED FORM

TO FRACTION FORM

$$2 \frac{3}{4} = \frac{2 \times 4 + 3}{4} = \frac{11}{4}$$

14.



WHOLE OR MIXED FORM

TO FRACTION FORM

$$3 \frac{5}{9} = \frac{3 \times 9 + 5}{9} = \frac{32}{9}$$

15.

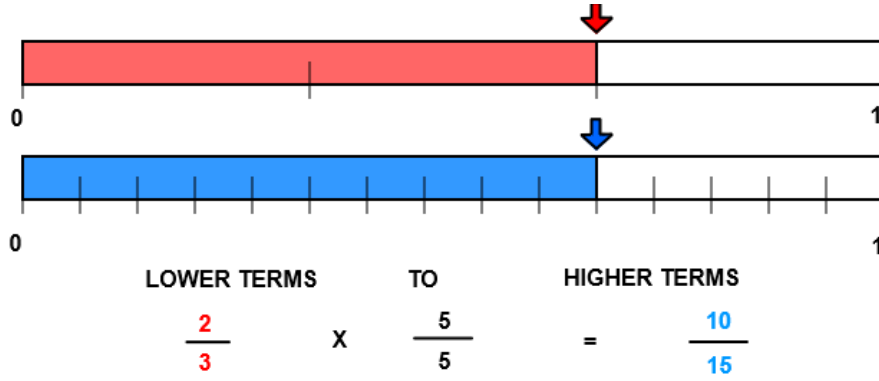
$$4 \frac{1}{5} = \frac{4 \times 5 + 1}{5} = \frac{21}{5}$$

# RENAME TO HIGHER TERMS

16.  $\frac{2}{5} = \frac{6}{15}$

17.  $\frac{4}{7} = \frac{12}{21}$

18.



19.



LOWER TERMS                      TO                      HIGHER TERMS

$$\frac{1}{9} \times \frac{4}{4} = \frac{4}{36}$$

20.

$$\frac{4}{9} = \frac{12}{27}$$

# RENAME TO LOWEST TERMS

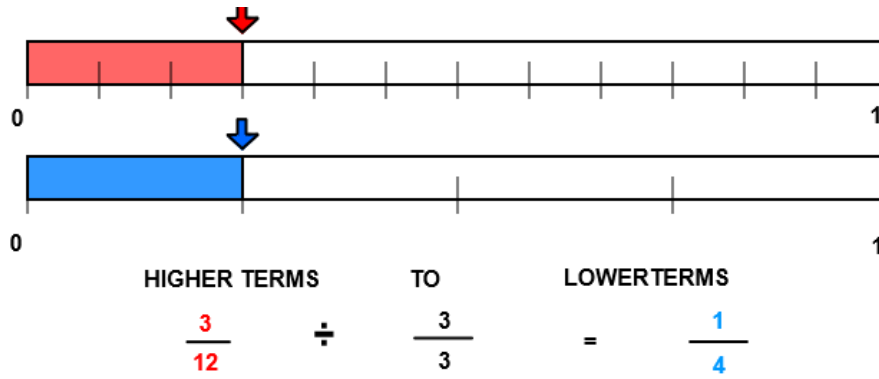
21.

$$5/15 = 1/3$$

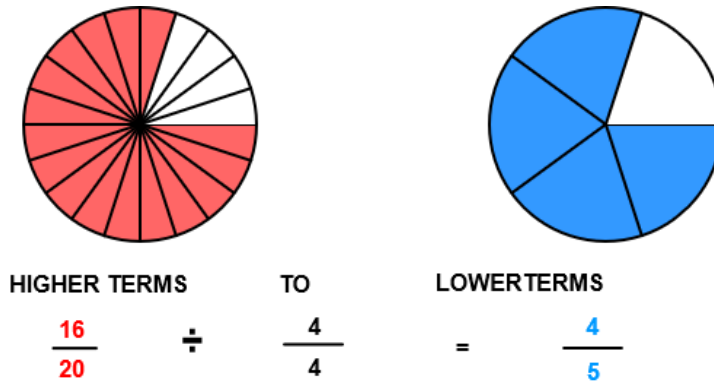
22.

$$12/30 = 2/5$$

23.



24.



25.

$$8/16 = 1/2$$

# COMPARE

26.

$$\frac{3}{4} > \frac{5}{8}$$

27.

$$\frac{5}{18} < \frac{1}{3}$$

28.

$$\frac{7}{12} > \frac{1}{2}$$

29.



7/12 is larger than 1/2

$$\frac{7}{12} > \frac{1}{2}$$

30.

$$\frac{5}{16} > \frac{1}{4}$$

# ADD

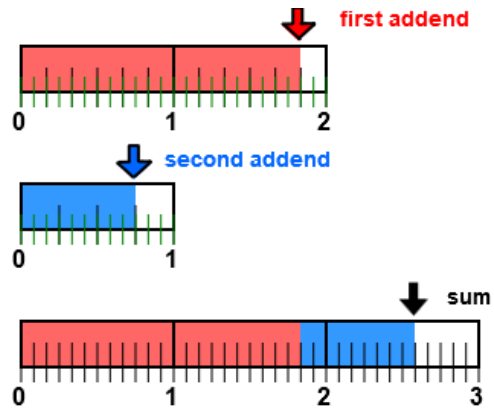
31.

$$1 \frac{3}{4} + 2 \frac{5}{8} = 4 \frac{3}{8}$$

32.

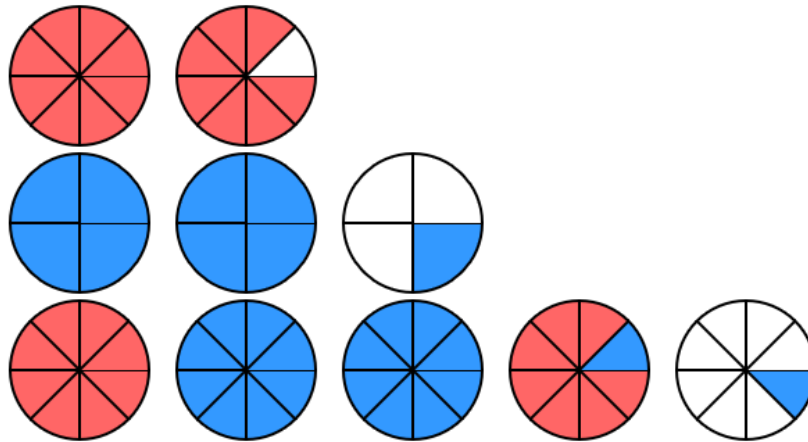
$$2 \frac{7}{16} + 1 \frac{1}{2} = 3 \frac{15}{16}$$

33.



$$1 \frac{5}{6} + \frac{3}{4} = 2 \frac{7}{12}$$

34.



$$1 \frac{7}{8} + 2 \frac{1}{4} = 4 \frac{1}{8}$$

35.

$$3 \frac{2}{5} + 2 \frac{1}{3} = 5 \frac{11}{15}$$

# SUBTRACT

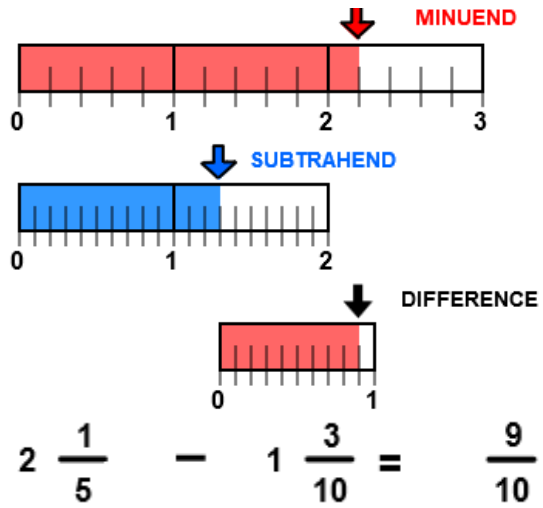
36.

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

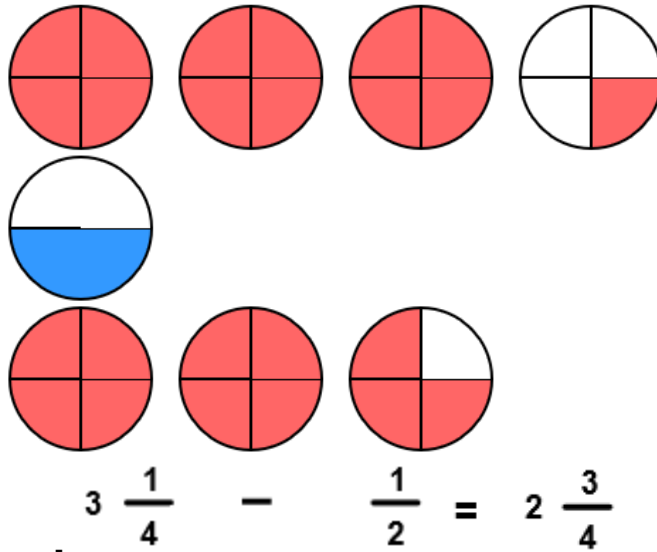
37.

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

38.



39.



40.

$$2 \frac{7}{8} - 1 \frac{1}{4} = 1 \frac{5}{8}$$



# MULTIPLY

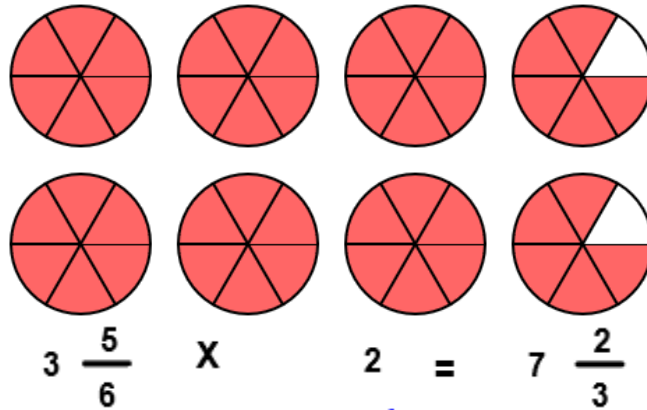
41.

$$3 \frac{2}{3} \times 2 \frac{1}{2} = 9 \frac{1}{6}$$

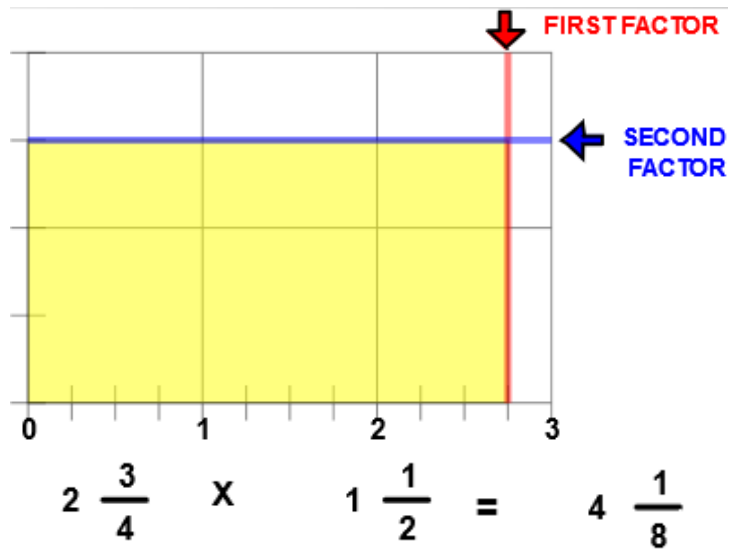
42.

$$2 \frac{3}{5} \times 3 = 7 \frac{4}{5}$$

43.



44.



45.

$$3 \frac{3}{5} \times 2 \frac{3}{10} = 8 \frac{7}{25}$$

# DIVIDE

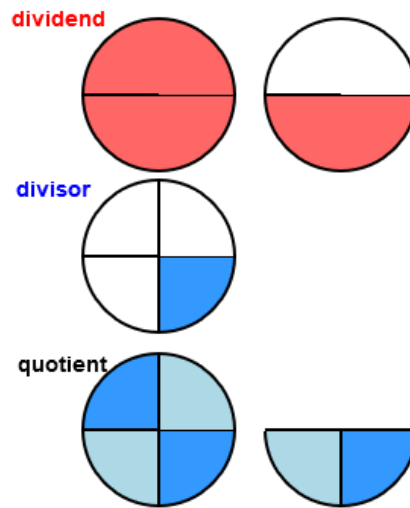
46.

$$2 \frac{1}{2} \div \frac{1}{4} = 10$$

47.

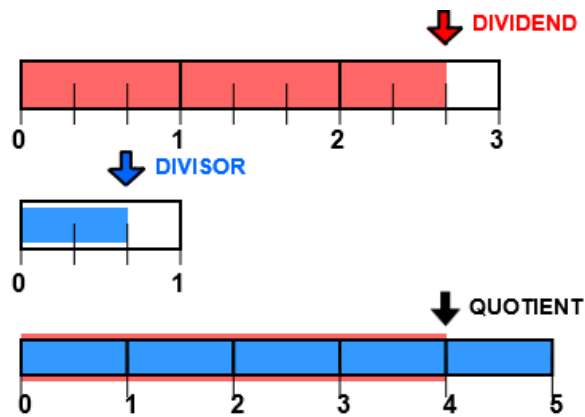
$$1 \frac{3}{4} + 3 \frac{1}{2} = \frac{1}{2}$$

48.



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

49.



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

50.

$$1 \frac{2}{5} + 3 \frac{1}{5} = \frac{7}{16}$$