



NAME _____

LONG DIVISION

$$8 \overline{) 534}$$

$$3 \overline{) 807}$$

$$4 \overline{) 913}$$

$$7 \overline{) 238}$$

$$6 \overline{) 872}$$

$$5 \overline{) 492}$$

$$2 \overline{) 654}$$

$$9 \overline{) 813}$$

$$8 \overline{) 734}$$

Name: _____

Subtracting Fractions



Solve the equations.

1. $\frac{1}{2} - \frac{1}{3} = \underline{\hspace{2cm}}$

6. $\frac{1}{3} - \frac{1}{6} = \underline{\hspace{2cm}}$

2. $\frac{2}{5} - \frac{1}{3} = \underline{\hspace{2cm}}$

7. $\frac{2}{5} - \frac{4}{15} = \underline{\hspace{2cm}}$

3. $\frac{6}{7} - \frac{2}{5} = \underline{\hspace{2cm}}$

8. $\frac{3}{5} - \frac{5}{20} = \underline{\hspace{2cm}}$

4. $\frac{9}{10} - \frac{3}{5} = \underline{\hspace{2cm}}$

9. $\frac{1}{2} - \frac{3}{8} = \underline{\hspace{2cm}}$

5. $\frac{3}{7} - \frac{5}{14} = \underline{\hspace{2cm}}$

10. $\frac{2}{5} - \frac{1}{4} = \underline{\hspace{2cm}}$

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Multiply Fractions by Whole Numbers

Multiply.

$$\frac{1}{2} \times 3 = \frac{\boxed{}}{\boxed{2}}$$

$$6 \times \frac{1}{13} = \frac{\boxed{6}}{\boxed{}}$$

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

$$5 \times \frac{1}{8} = \frac{\boxed{5}}{\boxed{}}$$

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

$$4 \times \frac{1}{11} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{1}{6} \times 11 = \frac{\boxed{}}{\boxed{}}$$

$$9 \times \frac{1}{7} = \frac{\boxed{}}{\boxed{}}$$

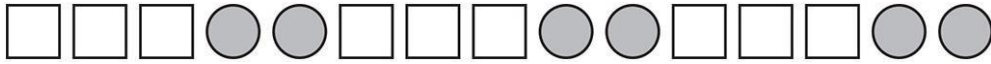
$$\frac{1}{12} \times 5 = \frac{\boxed{}}{\boxed{}}$$

$$16 \times \frac{1}{20} = \frac{\boxed{}}{\boxed{}}$$



Worksheet 13A: Ratio and proportion

1 Here is a repeating pattern of shapes.



Complete these sentences.

a The ratio of squares to circles is _____.

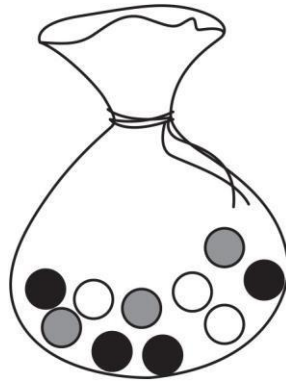
b The ratio of circles to squares is _____.

Use fractions to complete these sentences.

c $\frac{\quad}{\quad}$ of the shapes are squares.

d $\frac{\quad}{\quad}$ of the shapes are circles.

2 A bag contains 4 black counters, 3 grey counters and 3 white counters.



Complete these sentences.

a The ratio of black to grey to white counters is _____.

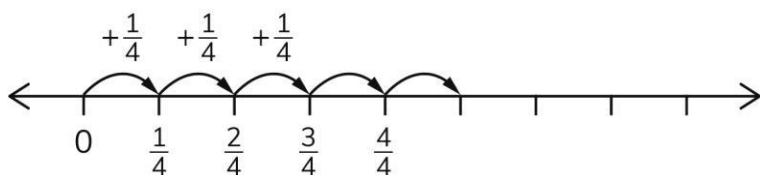
Tip: Remember to check the order of your numbers.

b The proportion of white counters is _____.

Tip: You will need to think about the white counters and all the counters.

Worksheet 15A: Multiplying and dividing fractions and decimals

- 1 Complete the number line to show $\frac{1}{4} \times 6$.



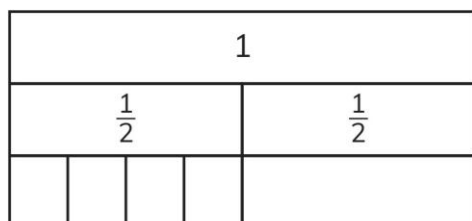
$$\frac{1}{4} \times 6 = \boxed{\quad}$$

- 2 Complete the diagram to help you calculate $\frac{1}{5} \times 4$.



$$\frac{1}{5} \times 4 = \boxed{\quad}$$

- 3 Use the diagram to work out $\frac{1}{2} \div 4$.



$$\frac{1}{2} \div 4 = \boxed{\quad}$$

4 Write the missing numbers.

a $4 \times 7 = \boxed{}$

b $\boxed{} \times 6 = 42$

c $7 \times \boxed{} = 63$

d $4 \times 0.7 = \boxed{}$

e $\boxed{} \times 0.6 = 4.2$

f $7 \times \boxed{} = 6.3$

5 Draw a line from each calculation to the correct description for the answer.

0.1×8

0.2×6

0.5×2

0.3×3

0.6×3

Answer less than 1

Answer equal to 1

Answer more than 1

6 Calculate:

a. 2.6×5

b 1.8×7
