



- 3]  $\frac{3}{5}$  pound of clay (1 piece)  
 $\frac{7}{10}$  pound of clay (other piece)  
 $\frac{4}{5}$  pound (3 bags of clay)

? how many bags of clay needed

? how many pounds of clay leftover?

$$(\text{clay} + \text{clay}) \div 1 \text{ bag}$$

$$\frac{3}{5} + \frac{7}{10} \div \frac{4}{5}$$

$$\frac{6}{10} + \frac{7}{10} \div \frac{4}{5}$$

$$\frac{13}{10} \div \frac{4}{5}$$

$$\begin{array}{r} \frac{13}{10} \cdot \frac{5}{4} \\ \hline 10 \quad 2 \end{array}$$

$$\frac{13}{8}$$

$\frac{4}{10}$  bags needed

$3\left(\frac{4}{5}\right) = 2\frac{2}{5}$  lbs of clay in 3 bags

-  $1\frac{3}{10}$  lbs of clay needed

$1\frac{1}{10}$  lbs left over

Eva needs  $1\frac{5}{8}$  bags of clay. She will have  $1\frac{1}{10}$  lb left over.

- 4]  $1\frac{1}{2}$  pounds red clay  
 $\frac{3}{4}$  pound yellow clay  
 $\frac{1}{8}$  needed each class  
How many students?

$$\begin{aligned} & (\text{Red clay} + \text{Yellow clay}) \div (\text{Each student}) \\ & \left(1\frac{1}{2} + \frac{3}{4}\right) \div \frac{1}{8} \\ & \frac{9}{4} \div \frac{1}{8} \\ & \frac{9}{4} \cdot \frac{8}{1} \end{aligned}$$

18

Only 18 students can use clay for their art project.

(yellow) - (used)

5.  $1\frac{1}{3}$  gallons yellow

$$1\frac{1}{3} - \frac{3}{4}$$
$$\times \frac{4}{12} - \frac{9}{12}$$

$1\frac{1}{4}$  gallons green

$$\frac{7}{8}$$
 gallons blue

$\frac{3}{4}$  gallons of each color

(green) - (used)

How many gallons left over?

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

$$\begin{array}{r} \text{(yellow)} \\ \text{(green)} + \text{(blue)} \\ \hline \end{array}$$
$$\begin{array}{r} 1\frac{1}{3} \\ + \frac{1}{4} \\ \hline 1\frac{5}{12} \end{array}$$

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

Mack will have  $\frac{7}{12}$  gallon

(blue) - (used)

of yellow,  $\frac{1}{2}$  gallon of

$$\frac{7}{8} - \frac{3}{4}$$
$$\frac{7}{8} - \frac{6}{8}$$

green and  $\frac{1}{8}$  gallon of blue

$$\frac{1}{8}$$
 left.

paint leftover. This is a

total of  $1\frac{5}{24}$  gallons of paint leftover.

6. 120 words per minute

$$(\text{words}) (\# \text{ of } \text{min})$$

1.75 minutes

? How many total words?

$$120 (1.75)$$

$$[210]$$

Dorothy typed 210 words  
in 1.75 minutes.

$$\begin{array}{r} 1.75 \\ \times 120 \\ \hline 3500 \\ 17500 \\ \hline 21000 \end{array}$$

7. \$1.20 per pound (apples)

(\$ per pound) (pound)

$\frac{3}{4}$  lb bought

$$1.20 (\frac{3}{4})$$

How much spent?

$$1.20 (.75)$$

$$[0.90]$$

$$\begin{array}{r} 1.20 \\ \times .75 \\ \hline 600 \\ + 8400 \\ \hline 9000 \end{array}$$

Logan spent 90¢ on apples.

(pop + peanut + raisins + seed) / friends

$$4\frac{2}{3} + 1\frac{1}{4} + 1\frac{1}{3} + \frac{3}{4} \div 5$$

$$(4\frac{8}{12} + 1\frac{3}{12} + 1\frac{4}{12} + \frac{9}{12}) \div 5$$

$$6\frac{24}{12} \cdot \frac{1}{5}$$

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

8.  $4\frac{2}{3}$  cups popcorn

$1\frac{1}{4}$  cups peanuts

$1\frac{1}{3}$  cups raisins

$\frac{3}{4}$  cup sunflower seeds

5 friends given mix.

How much did each get?

$$[\frac{13}{5}]$$

Each of his friends will get  $1\frac{3}{5}$  cups of trail mix.

9.) \$3.25 hour walking dogs

1/3 of an hour morning

$\frac{1}{2}$  hour in the afternoon

9.) How much time spent?

Carl walked them  $\frac{5}{6}$  of an hour every day.

b.) How much time per week?

Carl spent  $5\frac{5}{6}$  hours walking the dogs in a week.

c. 10 minutes is 1 of an hour.

how many minutes walking?

Carl walks the dogs for  
350 minutes

D. how much earned in a week?

Carl earns about \$18.96 by walking dogs each week.

(main)+(after)

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

$$\frac{2}{6} + \frac{3}{6}$$

5/6 of an hour

(total per day) (# of days week)

## 5.1

35  
6

55/6

$$(\text{total}) \div (\frac{1}{10} \text{ minutes})$$

$$5\frac{5}{6} \div \frac{1}{6}$$

$$\frac{35}{5} \cdot \frac{16}{1}$$

35 (10 minute)

$$\underline{35(10) = 350}$$

( hours worked ) ( \$ per hour )

~~55~~ · (\$3.25)

35, 3,25

113.75

$\approx 18.96$