

1) Make 30 0 divisible by 3.

3, 6

2) \$1.50 x 10

3) 20% of 25 5

4) What is 12% written as a decimal? 0.12

5) What type of decimal is 1.32? +

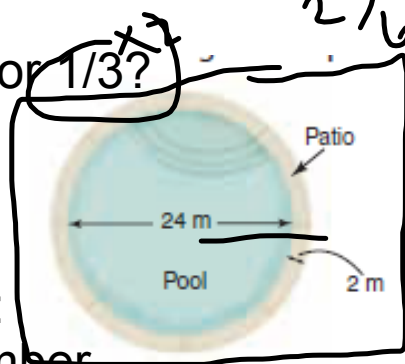
6) ~~How~~ many 1/2 hours in 3 hours? 6

7) (+7) + (+3) = +10

8) Which is greater - 1/6 or 1/3?

2/6

9) What is the area?



10) Write the expression:
3 less than 2 times a number

$$A = \pi r^2$$

$$= \pi (24)^2$$

$$= 3(144)$$



- 3.** Write an equation you can use to solve each problem. Solve each equation by systematic trial.
- a) Ned spent \$36 on a new shuttlecock racquet. He then had \$45 left. How much money did Ned have before he bought the racquet?
 - b) Laurie sold 13 books for \$208. All books had the same price. What was the price of each book?
 - c) Maurice sorts some dominoes. He divides them into 15 groups, with 17 dominoes in each group. How many dominoes does Maurice sort?

3. a) Write an equation for each sentence.
b) Solve each equation. Verify the solution.
- i) Five more than a number is 24.
 - ii) Eight more than a number is 32.
 - iii) Three times a number is 42.
 - iv) Five more than two times a number is 37.

$$) x + 7 = 12$$

☹️

$$n + 4 = 8$$

$$n + 4 - 4 = 8 - 4$$

$$n = 4$$

$$m + 3 = 4$$

$$m + 3 - 3 = 4 - 3$$

$$m = 1$$

$$n + 8 = 9$$

$$n + 8 - 8 = 9 - 8$$

$$n = 1$$

$$3 + 2 = 11$$

$$3 + 2 - 3 = 11 - 3$$

$$2 = 8$$

$$p + 7 = 10$$

$$p + 7 - 7 = 10 - 7$$

$$p = 3$$

$$x - 8 = 22$$

$$n - 4 = 8$$

$$n - 4 + 4 = 8 + 4$$
$$n = 12$$

$$m - 3 = 4$$

$$m - 3 + 3 = 4 + 3$$
$$m = 7$$

$$n - 8 = 9$$

$$n - 8 + 8 = 9 + 8$$
$$n = 17$$

$$t - 4 = 5$$

$$t - 4 + 4 = 5 + 4$$
$$t = 9$$

$$p - 7 = 10$$

$$p - 7 + 7 = 10 + 7$$
$$p = 17$$

$$\begin{array}{l} 4a = 20 \\ \hline 4 \quad 4 \\ \hline 1a = 5 \end{array}$$

$$\begin{array}{l} 7a = 21 \\ \hline 7 \quad 7 \\ \hline a = 3 \\ 4b = 16 \\ \hline 4 \quad 4 \\ \hline b = 4 \end{array}$$

$$\begin{array}{l} 3b = 9 \\ \hline 3 \quad 3 \\ \hline b = 3 \end{array}$$

$$\begin{array}{l} 12b = 144 \\ \hline 12 \quad 12 \\ \hline b = 12 \end{array}$$

$$5 + 3n = 20$$

$$\cancel{5} + 3n \cancel{- 5} = 20 - 5$$

$$\underline{5 - 5 + 3n = 20 - 5}$$

$$\frac{3n = 15}{\cancel{3} \quad 3}$$

$$n = 5$$

$$2m + 1 = 13$$

$$\cancel{2m + 1} - 1 = 13 - 1$$

$$\frac{2m = 12}{2 \quad 2}$$

$$m = 6$$

$$2k + 7 = 19$$

$$2k + 7 - 7 = 19 - 7$$

$$\frac{2k = 12}{2 \quad 2}$$

$$k = 6$$

$$3n - 1 = 8$$

$$3n - 1 + 1 = 8 + 1$$

$$\frac{3n}{3} = \frac{9}{3}$$

$$n = 3$$

$$2k - 7 = 21$$

$$2k - 7 + 7 = 21 + 7$$

$$\frac{2k}{2} = \frac{28}{2}$$

$$k = 14$$

4a) $A = 60m^2$
 $b = 12m$

$$A = bh$$

$$\frac{60}{12} = \frac{12h}{12}$$

$$5 = h$$

$$60 = 12h$$

Worksheet:

t+t
2t

You DO NOT

2+2+2+2
4x

have to sketch
the scalars **OR**

do question 3/4

n+n+n
3n

m+m+m+m+n
5m