

formula

$D = \text{density}$ $m = \text{mass}$ $v = \text{volume}$

28.) $D = \frac{m}{v}$

44.) $q = \text{quarters}$

$$\text{dimes} = q + 3$$

$$\text{nicks} = q - 6$$

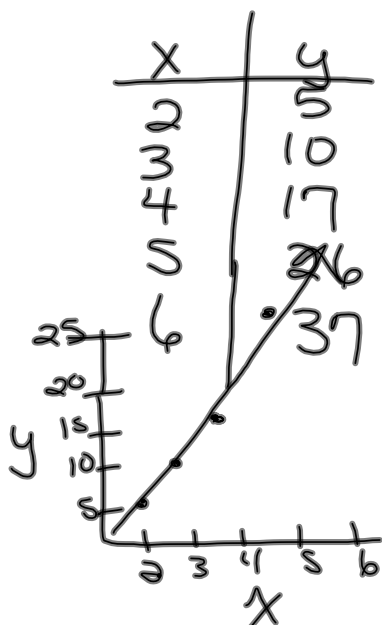
$$63 = \underbrace{q + 3} + \underbrace{q - 6} + q$$

$$\begin{array}{r} 63 = 3q - \cancel{3} \\ +3 \quad \quad \quad +3 \end{array}$$

$$\frac{66}{3} = \frac{3}{3}q$$

$$\boxed{22 = q}$$

4b.)



c.)

$$b) y = x^2 + 1$$

a.) square x then add

discrete - not connected
continuous - line or smooth curve

$$q = \text{qts of strawberry}$$
$$\$2.50 q = 10$$

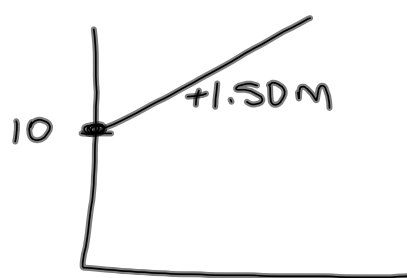
✓
per
for each

$$y = mx + b$$

$$14.50 = \underline{1.50m} + 10$$

$m = \text{slope}$

$b = y \text{ intercept}$



2-2 Solving One Step Equations

$$c - 22 = 54$$

~~+22~~ +22

$$c = 76$$

Do	Undo
-22	+22

$$\cancel{\frac{2}{3} \cdot \frac{3}{2}} \quad z = \frac{1}{2} \cdot \frac{3}{2}$$
$$z = \frac{3}{4}$$

Do	Undo
$\cdot \frac{3}{2}$	$\cdot \frac{2}{3}$

Instead of
dividing multiply
by the
reciprocal!

$$\frac{39}{-3} = \frac{-3}{3} r$$
$$(-13) = r$$

$$\frac{1}{5} = \text{blue}$$

$$\frac{8}{1} \cdot \frac{1}{8} n = 288 \cdot \frac{5}{1}$$

$$n = 1440 \text{ pieces}$$

20.)

$$\begin{array}{r} -61 = d + (-18) \\ +18 \quad \quad \quad +18 \\ \hline -43 = d \end{array}$$

$$22.) \quad -\frac{t}{7} = \frac{1}{15}$$
$$-\frac{1}{7}t = \frac{1}{15}$$

24.)

first
simplify
the
problem!

$$18 - (-f) = +91$$

$$\boxed{18 + f = 91}$$

-18 -18

$$f =$$