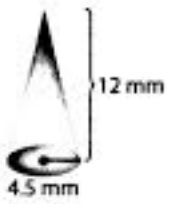
Lesson #120

1. 8.EE.2

$$-\frac{5}{10} = -\frac{1}{2}$$

2. 8.G.9



$V = 254.34 \text{ mm}^3$

3. 8.F.2

Susana gets 6 books every time she visits the library.

Polly buys 2 apples every time she goes to the farmers market.

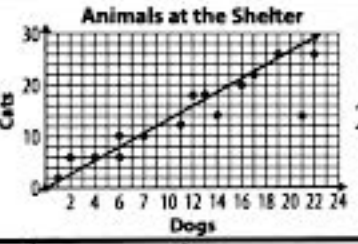
slope = 6

4. 8.EE.4

$\frac{6.6 \times 10^5}{2.9 \times 10^3}$

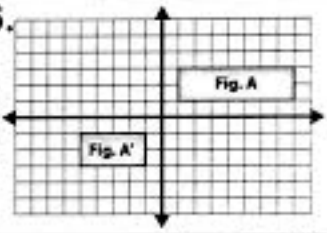
2.276×10^2 times more cubic gal of water

5. 8.SP.3



28 cats

6. 8.G.4



not similar

7. 8.EE.8

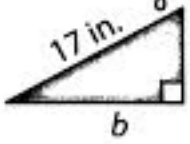
$3(x - y = 20)$
$2x + 3y = 0$
$3x - 3y = 60$
$5x = 60$
$x = 12$

$12 - y = 20$
$-12 \quad -12$
$-y = 8$
$y = -8$

$(12, -8)$

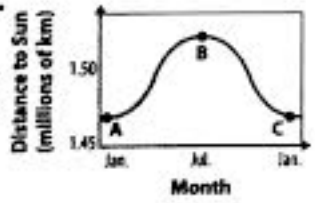
8. 8.G.7

$a^2 + b^2 = c^2$
$8^2 + b^2 = 17^2$
$64 + b^2 = 289$



$b = 15$ in.

9. 8.F.5

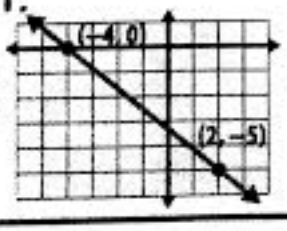


between points B and C

10. 8.EE.7

$g = -1$

11. 8.G.8



The distance is 7.81 units.

12. 8.F.4

$b = 200s + 850$