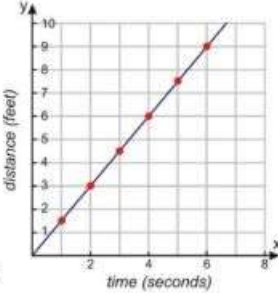


**Monday - Complete the following 4 questions with work to receive full credit.**

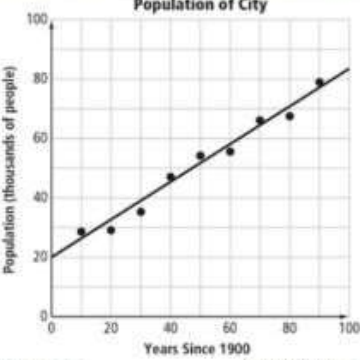
**Total Points Earned:** \_\_\_\_\_

Ms. Peterson's pet guinea pig entered a race but came in last place. The graph below shows the distances he traveled at different times. She fed her guinea pig a Monster Energy Drink before the next race. His speed was 2.5 feet per second faster than the first race. Which equation would model the distance,  $d$ , that Ms. Peterson's guinea pig traveled during the second race after  $t$  seconds?



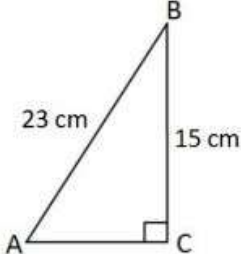
A)  $d = 4t$       C)  $d = 2.5t$   
 B)  $d = 1.5t$     D)  $d = 3t$     **EE**

Based on the trend line, how many years have passed since 1900 if the population is 30?



A) 15 years      C) 30 years  
 B) 20 years      D) 40 years    **SF**

To the nearest tenth, what is the perimeter of the triangle below?



A) 17.4 cm  
 B) 27.5 cm  
 C) 55.4 cm  
 D) 65.5 cm

In which function table do all of the points  $(x,y)$  lie on the line that has a slope of 1 and a  $y$ -intercept of 5?

**A)**

x	y
-3	-6
4	1
6	3
11	8

**B)**

x	y
-5	0
-2	3
3	8
7	12

**C)**

x	y
-2	-4
2	4
3	6
5	10

**F**

**Tuesday - Complete IXL 8.F.16**

**Total Score** \_\_\_\_\_

Smart score of 85 or higher earns you 5 points

Smart score of 75 - 84 earns you 4 points

Smart score of 65-74 earns you 3 points

Smart score of 55-64 earns you 2 points

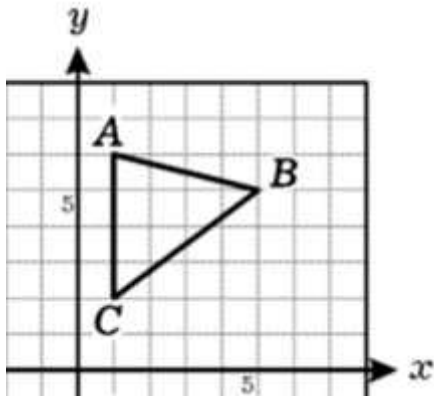
Smartscore of 54 or below earns you 1 point.

If you do not attempt the problems at all, you will receive 0 points

If you earn a smart score of 100, you will earn a bonus point.

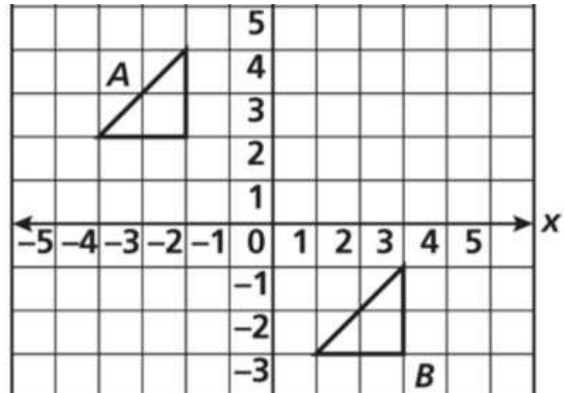
## Wednesday

If triangle ABC is translated 2 units to the left and 3 units up, what would the coordinates of C' be?



- A. (-1,9)
- B. (5,-1)
- C. (-1,5)
- D. (1,2)

Describe the transformation performed on Triangle A to obtain triangle B



- A. Translation to the right 3 units and up 5 units
- B. Reflection across the y axis
- C. Reflection across the x axis
- D. Translation to the right 3 units and down 5 units

Triangle RST has vertices at R(3,1), S(3,5) and T(6,5). What is the perimeter of triangle RST?

- A. 5 units
- B. 7 units
- C. 12 units
- D. 15 units

A spherical container has a diameter of 6 inches. Gretchen filled the container until it was half full. About how much sand did Gretchen put in the container?

- a.  $57 \text{ in}^3$
- b.  $113 \text{ in}^3$
- c.  $452 \text{ in}^3$
- d.  $904 \text{ in}^3$

### Thursday - Complete IXL

Total Score \_\_\_\_\_

Smart score of 85 or higher earns you 5 points

Smart score of 75 - 84 earns you 4 points

Smart score of 65-74 earns you 3 points

Smart score of 55-64 earns you 2 points

Smartscore of 54 or below earns you 1 point.

If you do not attempt the problems at all, you will receive 0 points

If you earn a smart score of 100, you will earn a bonus point.

Weekly Homework score:

A weekly HW score will reflect the accumulation of points earned throughout the week. If a paper is lost, a student may get a new one, but points earned on the lost paper will not be applied to the week's score.

Total Weekly Grade \_\_\_\_ / 18