

Name _____

Exit TAKS Warm-Up 1

_____ 1.) Which set of dimensions is possible for a triangle similar to triangle ABC?

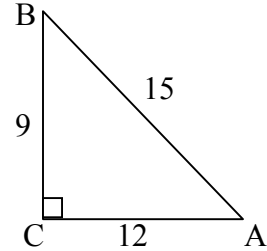
A.) 5, 4, 4

C.) 17, 14, 11

E.) NH

B.) 10, 7, 4

D.) 5, 4, 3



_____ 2.) The table gives the sum of degrees in the angles of the polygons listed. If T is the total number of degrees and n is the number of sides, which formula fits the information in the table?

Figure	Degrees in angles
Triangle	180
Quadrilateral	360
Pentagon	540
Hexagon	720

A.) $T = 180n$

C.) $T = \frac{1}{2}(180n)$

E.) Not Here

B.) $T = 180(n - 2)$

D.) $T = \frac{180}{n} + 180$

_____ 3.) What is the slope and y-intercept of the graphed line?

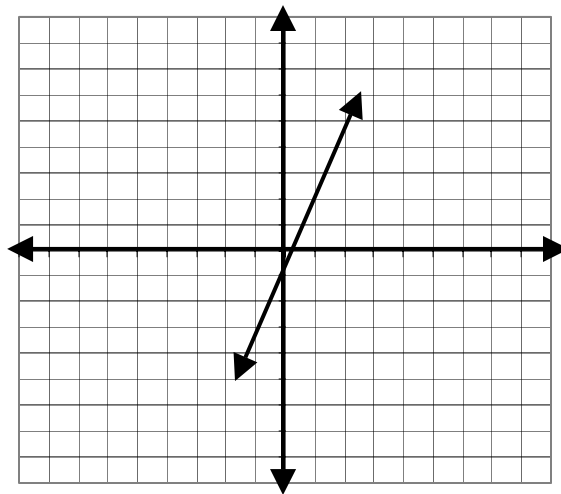
A.) $m = 3, b = -1$

B.) $m = \frac{1}{3}, b = -1$

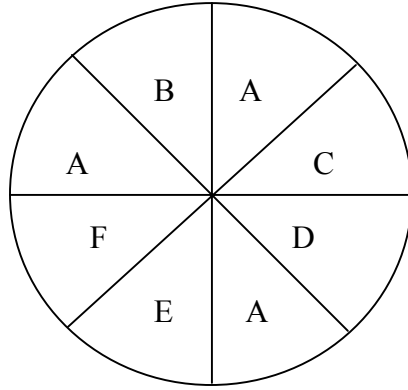
C.) $m = -1, b = 3$

D.) $m = -3, b = -1$

E.) Not Here



_____ 4.) Betsy lives in apartment 131A. If she rolls a die and then spins the spinner, what is the probability she will get one of her apartment's numbers and its letter?



A.) $\frac{3}{16}$

B.) $\frac{1}{8}$

C.) $\frac{1}{12}$

D.) $\frac{2}{9}$

E.) Not Here