

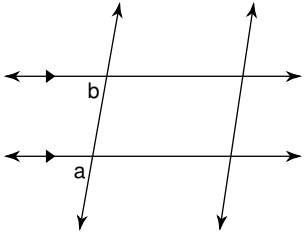
Final Exam - Pre Test (Part II)

1) Find the mean, median and mode of the following numbers:

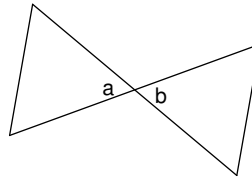
2, 7, 5, 3, 8, 5, 9, 5

Name the relationship: complementary, supplementary, vertical, adjacent, or corresponding.

2)

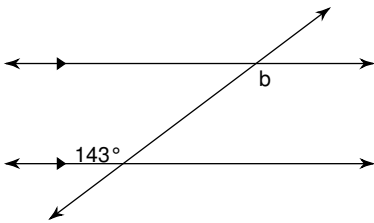


3)

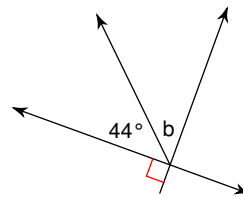


Find the measure of angle b.

4)

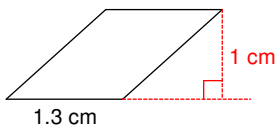


5)



Find the area of each.

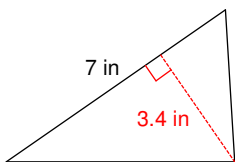
6)



7)

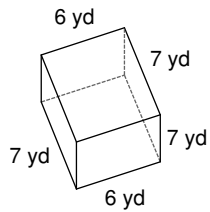


8)

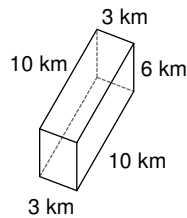


Find the surface area of each figure. Round to the nearest tenth.

9)

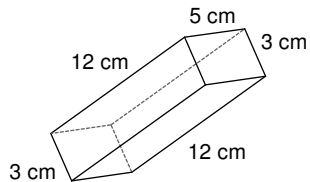


10)

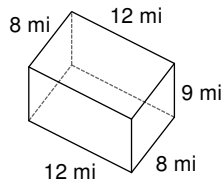


Find the volume of each figure. Round to the nearest tenth.

11)



12)



Find each square root.

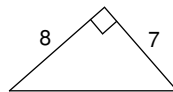
13) $-\sqrt{9}$

14) $\sqrt{\frac{9}{144}}$

Find each missing length to the nearest tenth.

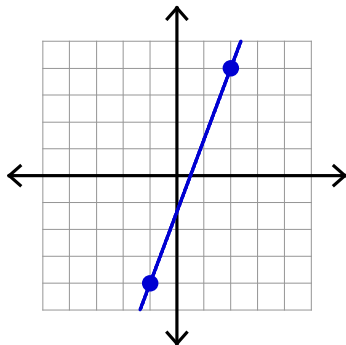
15) $a = 10$, $b = 7$, $c = ?$

16)

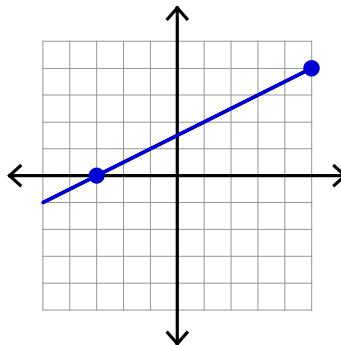


Find the slope of each line.

17)



18)



Find the slope of the line through each pair of points.

19) $(12, 6)$, $(16, -13)$

20) $(2, -11)$, $(-18, -6)$

Final Exam - Pre Test (Part II)

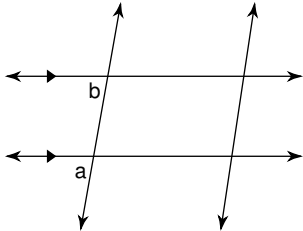
1) Find the mean, median and mode of the following numbers:

2, 7, 5, 3, 8, 5, 9, 5

0

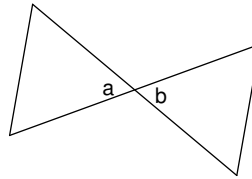
Name the relationship: complementary, supplementary, vertical, adjacent, or corresponding.

2)



corresponding

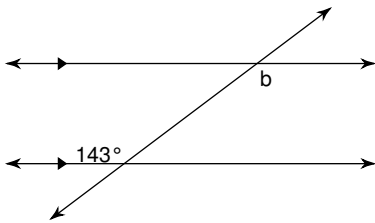
3)



vertical

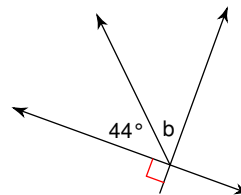
Find the measure of angle b.

4)



143°

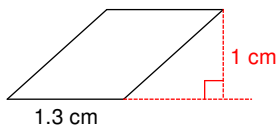
5)



46°

Find the area of each.

6)



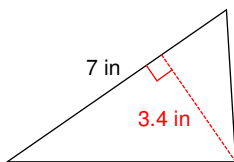
1.3 cm²

7)



12.1 km²

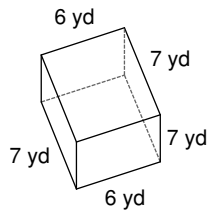
8)



11.9 in²

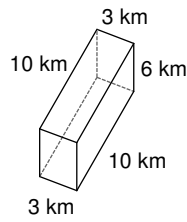
Find the surface area of each figure. Round to the nearest tenth.

9)



266 yd^2

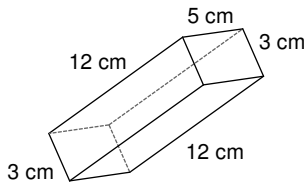
10)



216 km^2

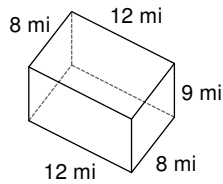
Find the volume of each figure. Round to the nearest tenth.

11)



180 cm^3

12)



864 mi^3

Find each square root.

13) $-\sqrt{9}$

-3

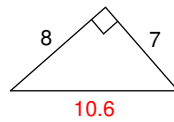
14) $\sqrt{\frac{9}{144}} \frac{1}{4}$

Find each missing length to the nearest tenth.

15) $a = 10, b = 7, c = ?$

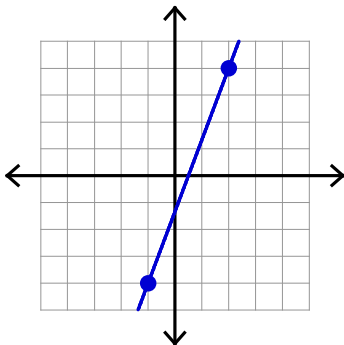
12.2

16)



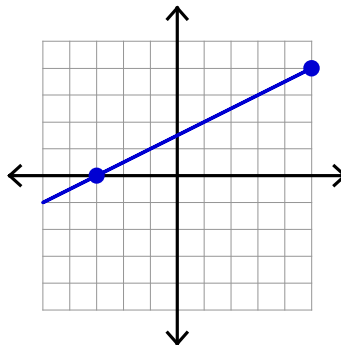
Find the slope of each line.

17)



$\frac{8}{3}$

18)



$\frac{1}{2}$

Find the slope of the line through each pair of points.

19) $(12, 6), (16, -13) -\frac{19}{4}$

20) $(2, -11), (-18, -6) -\frac{1}{4}$