

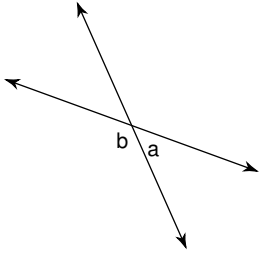
Final Exam - Pre-Test (Part II)

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

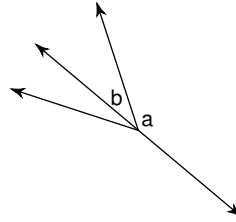
2, 7, 5, 3, 8, 5, 9, 5

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

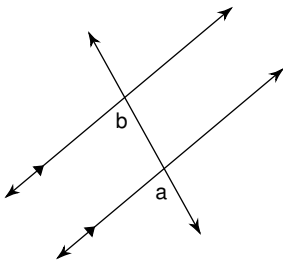
2)



3)

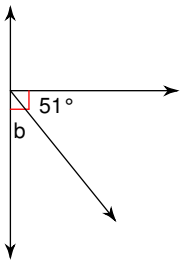


4)

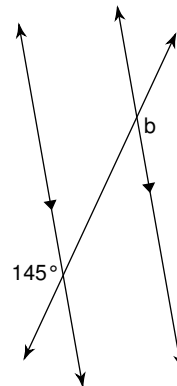


Find the measure of angle b.

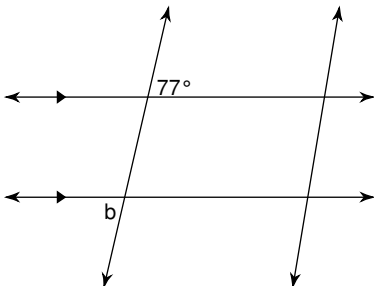
5)



6)

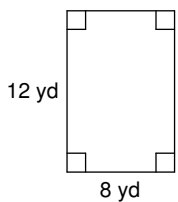


7)

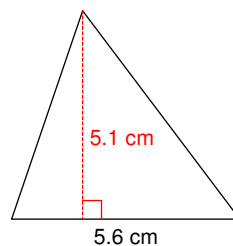


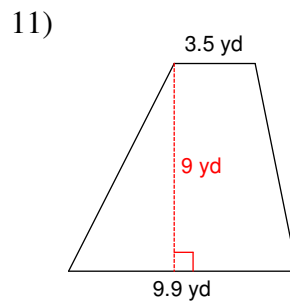
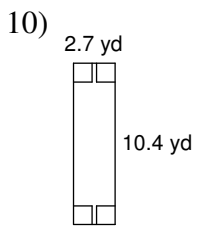
Find the area of each.

8)

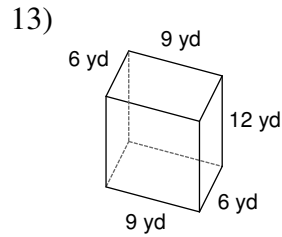
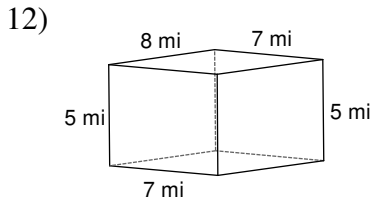


9)

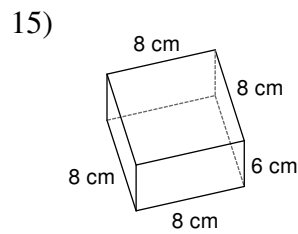
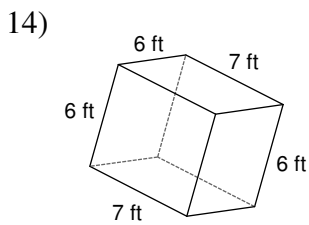




Find the surface area of each figure. Round to the nearest tenth.



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



Find each square root.

16) $\sqrt{1}$

17) $\sqrt{\frac{121}{144}}$

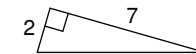
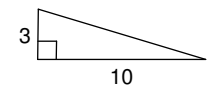
Find each missing length to the nearest tenth.

18) $a = ?$, $b = 6$, $c = 11$

19) $a = 4$, $b = 4$, $c = ?$

20)

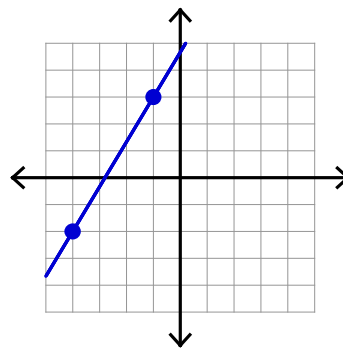
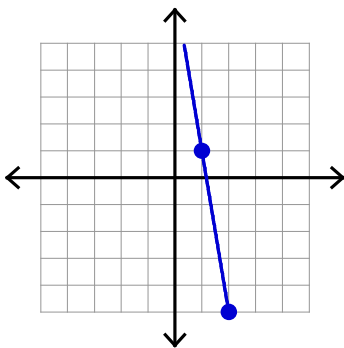
21)



Find the slope of each line.

22)

23)



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

24) $(19, -19)$, $(-14, 5)$

25) $(19, 18)$, $(16, -12)$

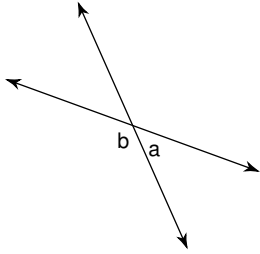
Final Exam - Pre-Test (Part II)

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

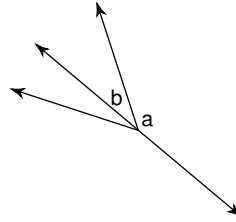
2, 7, 5, 3, 8, 5, 9, 5

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

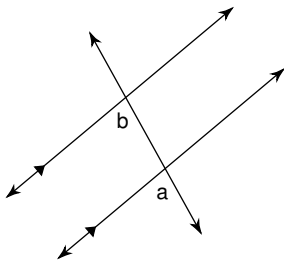
2) supplementary



3) supplementary

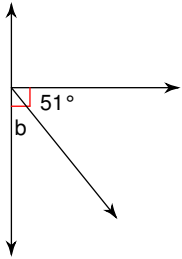


4) corresponding

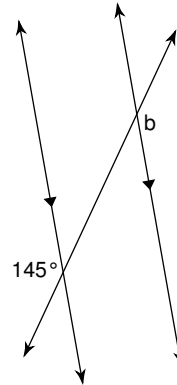


Find the measure of angle b.

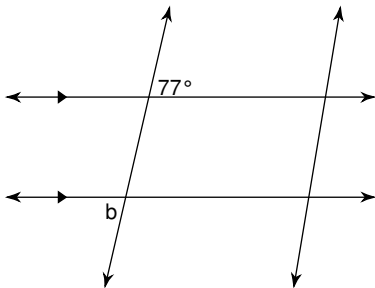
5) 39°



6) 145°

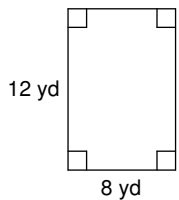


7) 77°

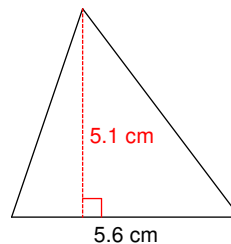


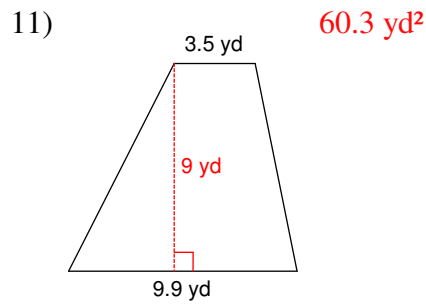
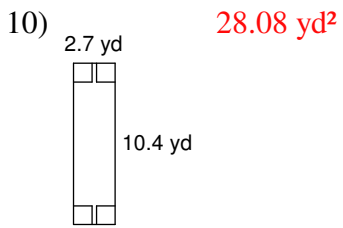
Find the area of each.

8) 96 yd²

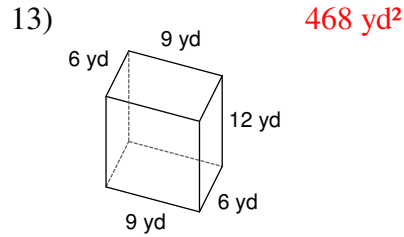
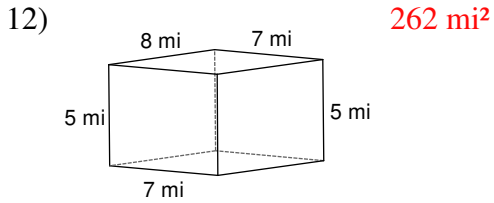


9) 14.28 cm²

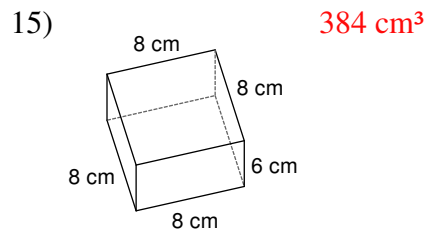
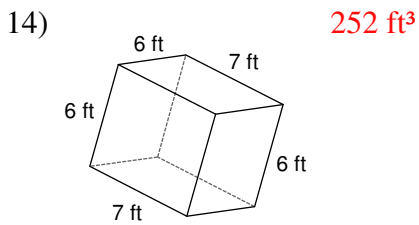




Find the surface area of each figure. Round to the nearest tenth.



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



Find each square root.

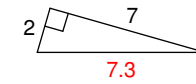
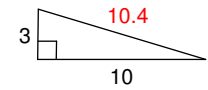
16) $\sqrt{1} = 1$

17) $\sqrt{\frac{121}{144}} = \frac{11}{12}$

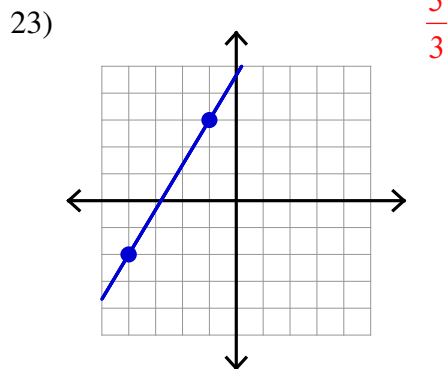
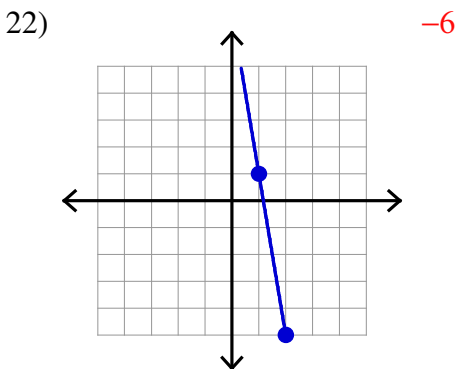
Find each missing length to the nearest tenth.

18) $a = ?$, $b = 6$, $c = 11$ 9.2

19) $a = 4$, $b = 4$, $c = ?$ 5.7



Find the slope of each line.



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

24) $(19, -19)$, $(-14, 5)$ $-\frac{8}{11}$

25) $(19, 18)$, $(16, -12)$ 10