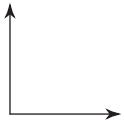


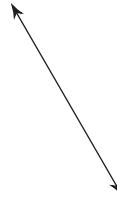
Unit 1 Test

Classify each angle as acute, obtuse, right, or straight.

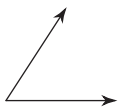
1)



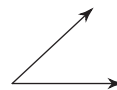
2)



3)



4)



5) 90°

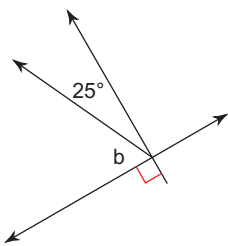
6) 76°

7) 180°

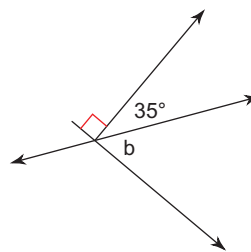
8) 24°

Find the measure of angle b.

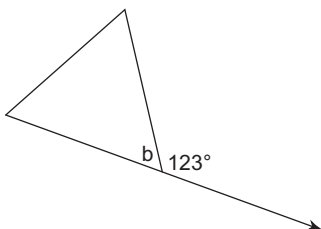
9)



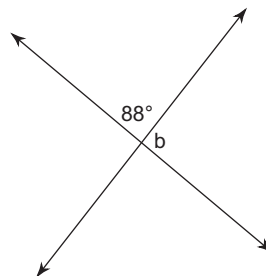
10)



11)

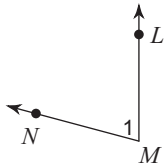


12)

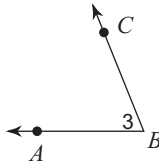


Name each angle in four ways.

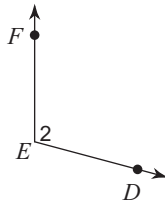
13)



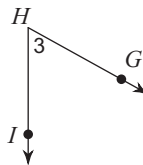
14)



15)



16)

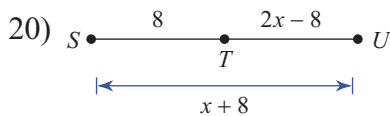
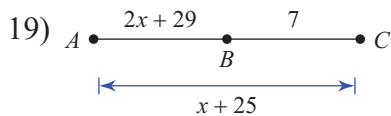


Find the distance between each pair of points.

17) $(8, 4), (-5, 6)$

18) $(-8, -5), (1, -6)$

Solve for x .



Find the midpoint of the line segment with the given endpoints.

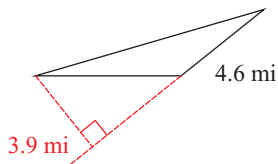
21) $(1, 8), (7, 5)$

22) $(5, -1), (3, -5)$

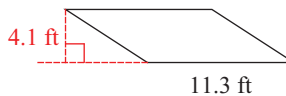
23) $(-10, 6), (9, 3)$

Find the area of each.

24)



25)



Answers to Unit 1 Test (ID: 2)

- | | | | |
|--|--|--|----------------|
| 1) right | 2) straight | 3) acute | 4) acute |
| 5) right | 6) acute | 7) straight | 8) acute |
| 9) 65° | 10) 55° | 11) 57° | 12) 92° |
| 13) $\angle M, \angle 1, \angle NML, \angle LMN$ | 14) $\angle B, \angle 3, \angle ABC, \angle CBA$ | 15) $\angle E, \angle 2, \angle FED, \angle DEF$ | |
| 16) $\angle H, \angle 3, \angle GHI, \angle IHG$ | 17) $\sqrt{173}$ | 18) $\sqrt{82}$ | |
| 19) -11 | 20) 8 | 21) $\left(4, 6\frac{1}{2}\right)$ | 22) $(4, -3)$ |
| 23) $\left(-\frac{1}{2}, 4\frac{1}{2}\right)$ | 24) 8.97 mi^2 | 25) 46.33 ft^2 | |