

Q1P5 - Ch. 3-1/3-2 Lines, Angles, Transversals

Date _____ Period _____

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

1) $(8, 3), (7, 9)$

2) $\left(1\frac{1}{10}, -2\right), \left(\frac{9}{5}, \frac{8}{5}\right)$

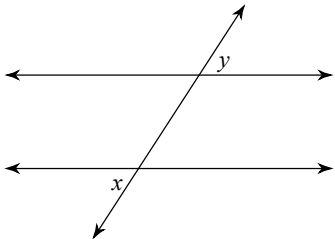
Find the distance between each pair of points.

3) $(-5, -8), (5, -8)$

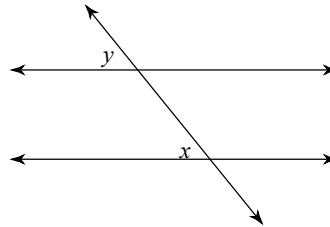
4) $\left(\frac{3}{2}, 1\right), \left(2\frac{1}{2}, \frac{1}{2}\right)$

Identify each pair of angles as corresponding, alternate interior, alternate exterior, consecutive interior, or vertical.

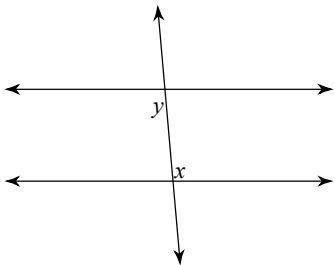
5)



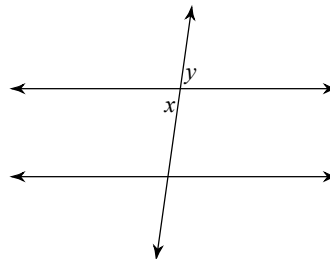
6)



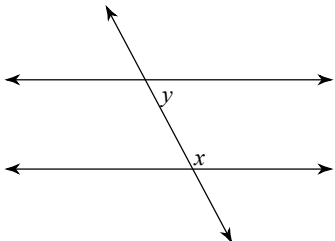
7)



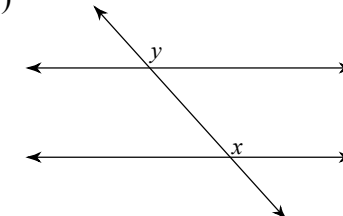
8)



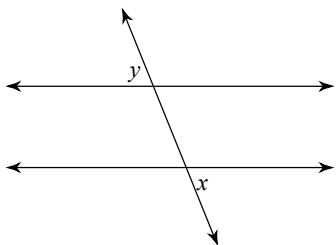
9)



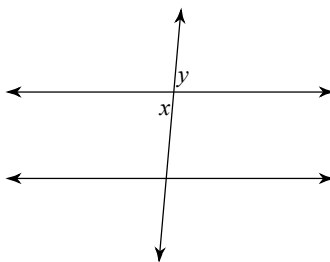
10)



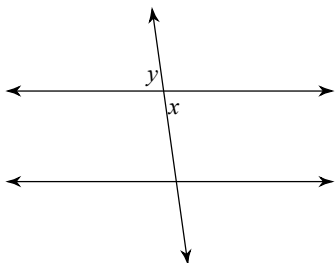
11)



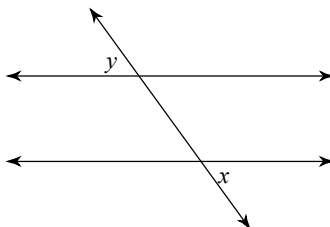
12)



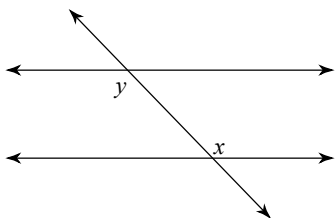
13)



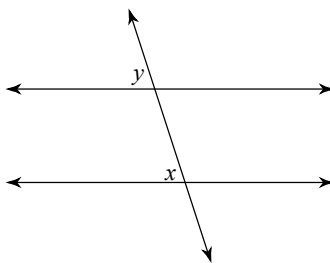
14)



15)

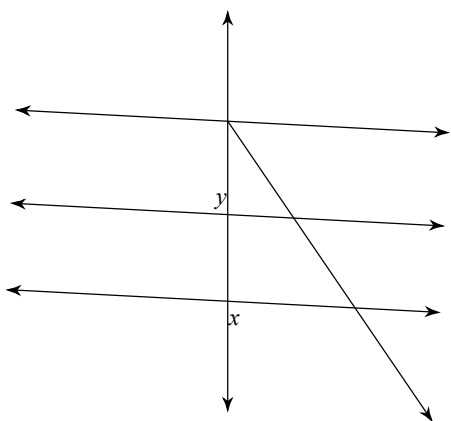


16)

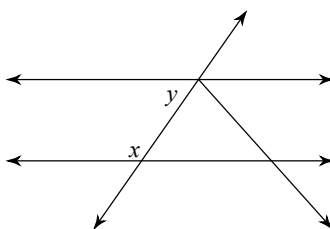


Identify each pair of angles as corresponding, alternate interior, alternate exterior, consecutive interior, or vertical. These are a little harder to see at first.

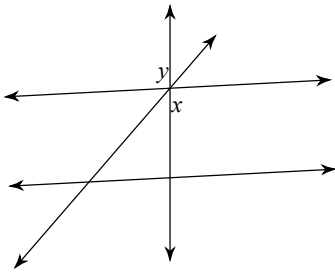
17)



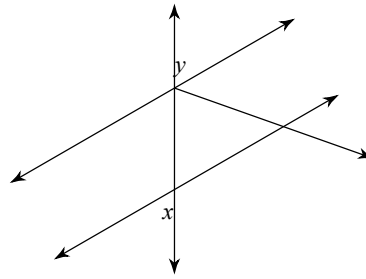
18)



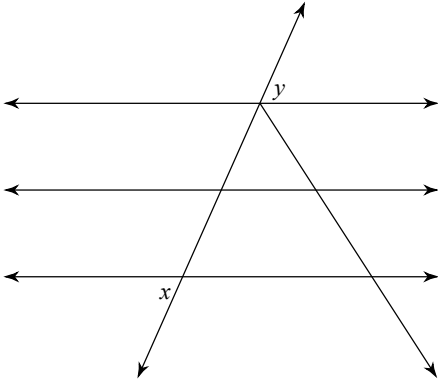
19)



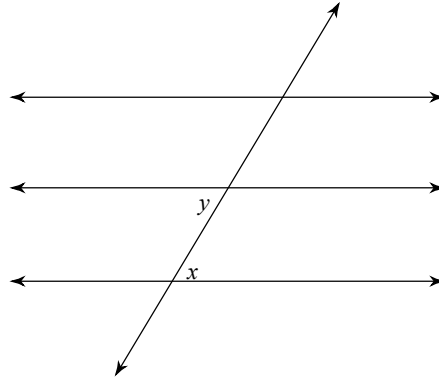
20)



21)

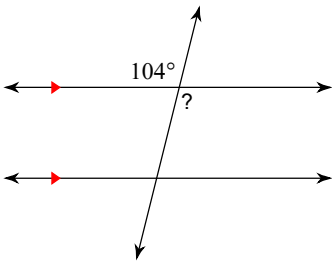


22)

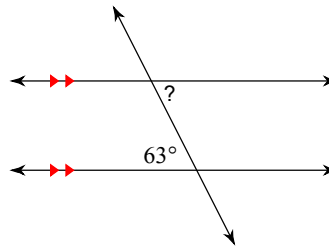


Find the measure of each angle indicated.

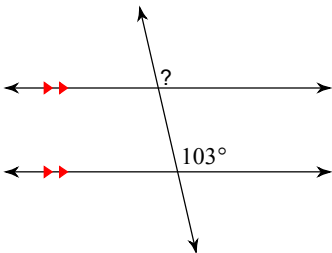
23)



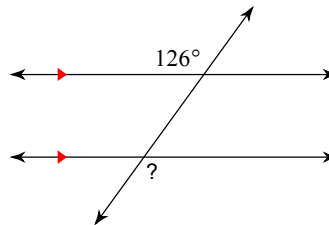
24)



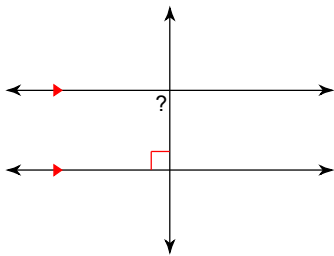
25)



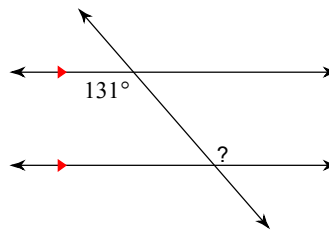
26)



27)

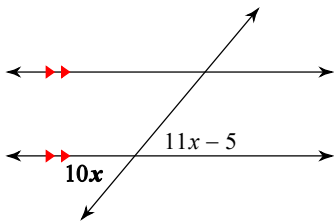


28)

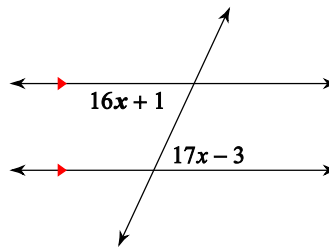


Find the measure of the angle indicated in bold.

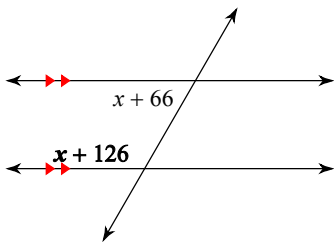
29)



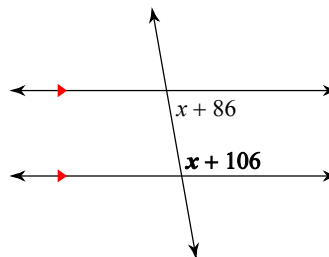
30)



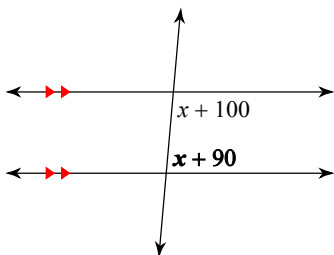
31)



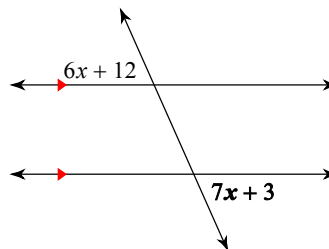
32)



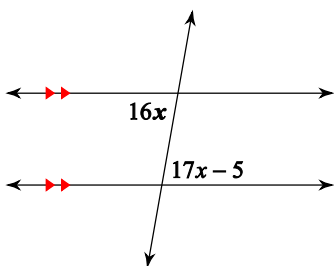
33)



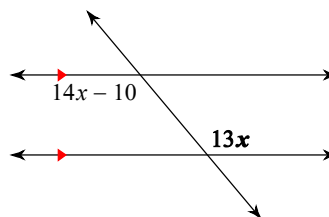
34)



35)



36)



Answers to Q1P5 - Ch. 3-1/3-2 Lines, Angles, Transversals (ID: 1)

1) $\left(7\frac{1}{2}, 6\right)$

2) $\left(1\frac{9}{20}, -\frac{1}{5}\right)$

3) 10

4) $\frac{\sqrt{5}}{2}$

5) alternate exterior

6) corresponding

7) alternate interior

8) vertical

9) consecutive interior

10) corresponding

11) alternate exterior

12) vertical

13) vertical

14) alternate exterior

15) alternate interior

16) corresponding

17) alternate exterior

18) consecutive interior

19) vertical

20) alternate exterior

21) alternate exterior

22) alternate interior

23) 104°

24) 63°

25) 103°

26) 126°

27) 90°

28) 131°

29) 50°

30) 65°

31) 120°

32) 100°

33) 85°

34) 66°

35) 80°

36) 130°