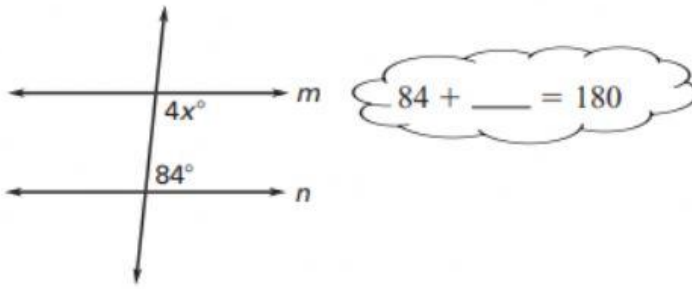


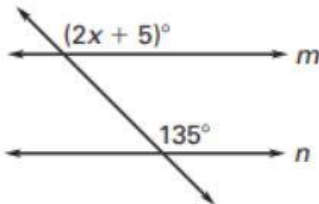
Quiz 3.4

Find the value of x that makes $m \parallel n$.

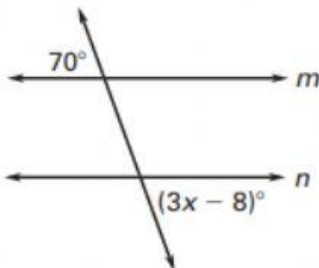
1.



2.



3.



Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Find the slope of the line that passes through the given points.

4. $(2, -2), (6, 6)$
5. $(3, 4), (5, 6)$
6. $(-4, 3), (-9, 7)$

Tell whether the lines through the given points are *parallel*, *perpendicular*, or *neither*.

7. Line 1: $(-1, 3), (-1, 5)$
Line 2: $(0, 0), (0, 6)$

9. Line 1: $(-2, 3), (-5, 2)$
Line 2: $(4, 1), (5, 3)$

8. Line 1: $(1, 1), (3, 3)$
Line 2: $(2, 2), (0, 4)$

10. Line 1: $(-3, 4), (1, 2)$
Line 2: $(6, 2), (8, 1)$