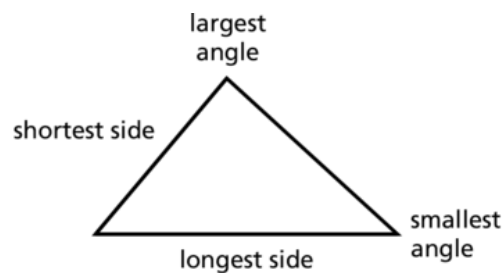
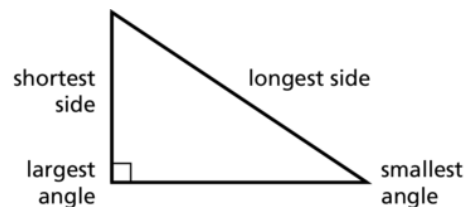


9.



The longest side is across from the largest angle, and the shortest side is across from the smallest angle.

10.



The longest side is the hypotenuse, and it is across from the right angle, which is the largest angle. The shortest side is across from the smallest angle.

11.  $\angle S, \angle R, \angle T$

12.  $\angle J, \angle K, \angle L$

13.  $\overline{AB}, \overline{BC}, \overline{AC}$

14.  $\overline{XY}, \overline{YZ}, \overline{XZ}$

15.  $\overline{NP}, \overline{MN}, \overline{MP}$

16.  $\overline{FD}, \overline{FG}, \overline{DG}$

17.  $7 \text{ in.} < x < 17 \text{ in.}$

18.  $6 \text{ ft} < x < 30 \text{ ft}$

19.  $16 \text{ in.} < x < 64 \text{ in.}$

20.  $0 \text{ m} < x < 50 \text{ m}$

21. yes

22. no;  $3 + 6 \not> 9$

23. no;  $28 + 17 \not> 46$

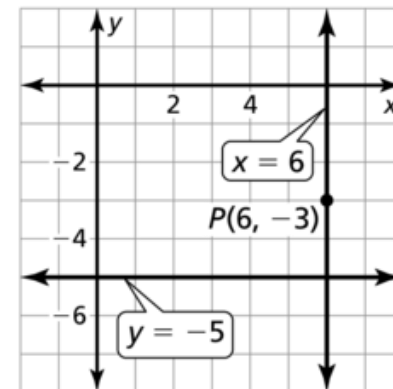
24. yes

29. C

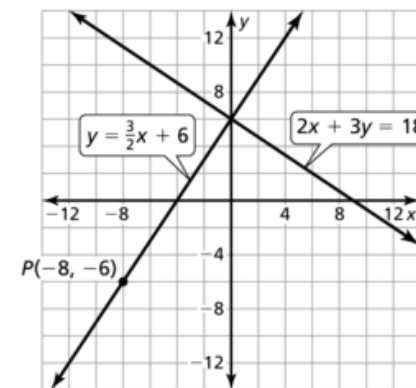
30. C, D

33. The largest angle in a right triangle is  $90^\circ$ . The hypotenuse is opposite the  $90^\circ$  angle and so it is the longest side.

57.  $x = 6$



58.  $y = \frac{3}{2}x + 6$



- 35a)  $BA < 50 \text{ yds}$  and  $BA > 35 \text{ yds}$
- b) Take more measurements.