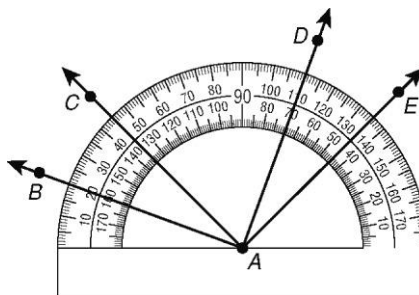1. Name an obtuse angle. _____

2. Name two acute angles. _____

3. B is the midpoint of $\overline{AC}$. $AB = 8v$, and $AC = 2v + 42$. What is BC?

   F 24   H 56

   G 48   J 168

4. An angle whose measure is 70° is what type of angle?

   A acute   C obtuse

   B right   D straight

5. $\overrightarrow{GJ}$ bisects $\angle FGH$, $m\angle FGJ = (7x - 9)°$, and $m\angle HGJ = (2x + 36)°$. What is $m\angle FGH$?

   F 43°   H 86°

   G 54°   J 108°

Determine the coordinates of the midpoint for each segment. Identify the quadrant that each midpoint lies in.

6. $\overline{PQ}$ has endpoints $P(5, -3)$ and $Q(2, 4)$.   7. $\overline{RS}$ has endpoints $R(-2, 3)$ and $S(-8, -2)$.

   Midpoint: _____   Midpoint: _____

   Quadrant: _____   Quadrant: _____

Use the pictures to the right for 8-11.

   8. Name the plane in as many ways as you can.

   9. Name the line in as many ways as you can.

   10. Name the line segment in as many ways as you can.

   11. Name the ray in as many ways as you can.