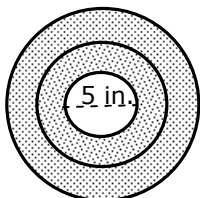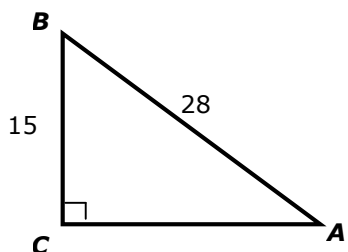**36.** A circular dart board consists of 3 concentric circles as shown below. The largest circle has a diameter of 15 inches. The middle circle has a diameter of 10 inches and the smallest circle has a diameter of 5 inches.

5 in.

If a dart is thrown and hits the dart board randomly, what is the probability it will land in the unshaded area?

F $\dfrac{1}{3}$ **H** $\dfrac{1}{5}$
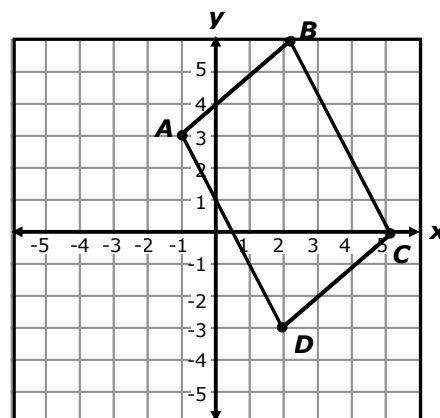
G $\dfrac{1}{9}$ **J** $\dfrac{8}{9}$

37. Right triangle *ABC* is shown below.

B

28

15

C   *A*

Which of the following best describes the measure of $\angle A$?

A $32°$

B $58°$

C $28°$

D $62°$

38. Parallelogram *ABCD* is shown below.

Which equation best represents a line that is parallel to the diagonal, $\overline{AC}$?

F $y = \dfrac{1}{2}x + 5$

G $y = -\dfrac{1}{2}x + 3$

H $y = 2x - 1$

J $y = -2x + 2$

39. In which type of geometry can a triangle have angles whose measures have a sum of $230°$?

A Hyperbolic geometry

B Spherical geometry

C Euclidean geometry

D All non-Euclidean geometries