Geometry Week 4 Tuesday   Warm-up

1. Find the circumference of a circle with the radius of 14 cm.

2. Use the quadratic formula to solve the following equation. Round answers to nearest tenth.

$$2x^2 - 6x + 3 = 0$$

3. Make a sketch so the following is true:

$\overline{AB}$ is perpendicular $(\perp)$ to $\overline{CD}$
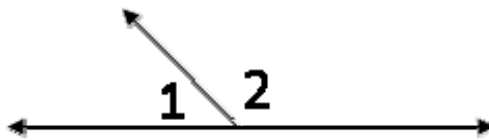but $\overline{AB}$ does not bisect $\overline{CD}$

Geometry week 4 Block Day Warm-up

1. Find the area of an equilateral triangle with sides 44 inches.
   Round answer to nearest tenth.

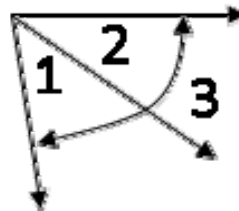2. Solve for x.
   $\angle 1 = 2x$
   $\angle 2 = 10x + 24$

3. Solve for x. $\angle 1 = 20°$
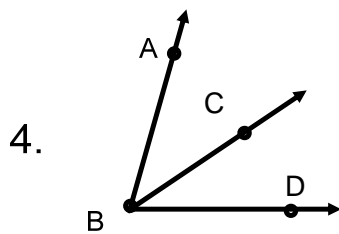 $\angle 2 = (8x)°$
   $\angle 3 = 52°$

Geometry week 4 Friday Warm-up

Given points A(-3,4) and B(6,8) find

1. the midpoint of $\overline{AB}$ 2. AB   3. the slope of $\overline{AB}$

4.

A
C
B
D

$m\angle ABC = 33°$

$m\angle ABD = 75°$

Find $m\angle CBD$

5. Simplify

$$\frac{x^2 + 10x + 16}{x^2 + 6x + 8} \div \frac{1}{x + 4}$$