DE Geometry Review Quiz 5
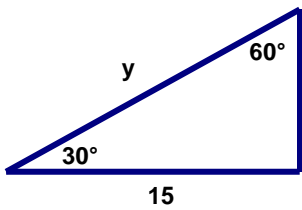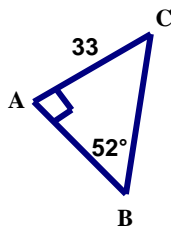
Name _____
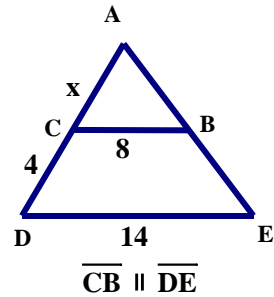
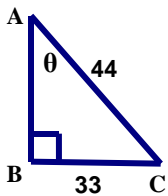**Shape 1**

Shape 2

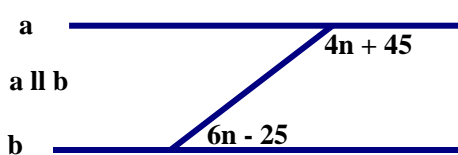**Shape 3**

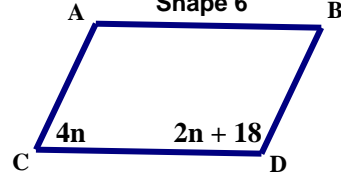$\overline{CB} \parallel \overline{DE}$

Shape 4

Shape 5

Shape 6

_____1. In shape 1, what is the **exact measurement** of y? [8-4]
.
_____2. In shape 2, what is BC? [8-1]

_____3. In shape 3, what is x rounded to the nearest tenth? [7-2]

_____4. In shape 4, what is Θ? [8-2]

_____5. In shape 5, what is the value on n? [Ch.3]

_____6. In shape 6, what is the value of n if the shape is a parallelogram? [6-2]

_____7. In $\triangle ABC$ $\angle A = 4x$, $\angle B = x + 60$, and $\angle C = 5x - 40$. [5-2]
Which side is the longest?
A. $\overline{AB}$ B. $\overline{BC}$ C. $\overline{AC}$ D. $\angle A$

_____8. If the diagonal distance of a rectangle is 109 cm and one of the sides is 60 cm, [1-3]
what is the other side length?

_____9. In which of the following do the diagonals bisect the angles? [6-3]
A. rhombus   B. rectangle   C. trapezoid   D. parallelogram

_____10. Gimme Question: Which would you want every human to have?
A. Perfect Health   B. Unlimited Money   C. Unlimited food supply