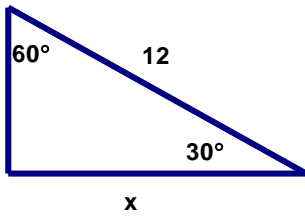


Geometry Review Quiz 1-8 E

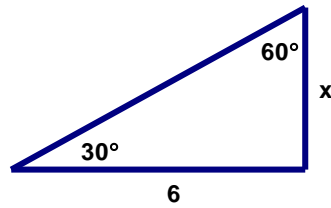
Put all answers to the multiple choice questions below. Use Capital Letters, please.

Triangle 1



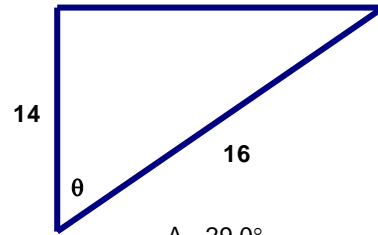
- A. $6\sqrt{2}$
- B. $6\sqrt{3}$
- C. 6
- D. $2\sqrt{3}$

Triangle 2



- A. $6\sqrt{2}$
- B. $6\sqrt{3}$
- C. 6
- D. $2\sqrt{3}$

Triangle 3



- A. 29.0°
- B. 41.2°
- C. 55.5°
- D. 61.0°

1. From the choices given, what is the value for x in Triangle 1 above?
2. From the choices given, what is the value for x in Triangle 2 above?
3. From the choices given, what is the value for Θ in Triangle 3 above?
4. If $\angle A$ and $\angle B$ are a linear pair with $\angle A = n + 40$ and $\angle B = 9n + 20$, what is the measurement of $\angle A$?
 A. 22 B. 12 C. 52 D. 42
5. In triangle GBR, $GR = 11$, $BR = 8$, and $BG = 7$. What is true?
 A. $\angle R$ is the greatest B. $\angle G$ is greatest
 C. $\angle A$ is the least D. $\angle G$ is the least
6. Consider this statement: "If $4x = 8$, then $x = 2$."
 Which is the inverse of this statement?
 A. If $x = 2$, then $4x = 8$. B. If $x \neq 2$, then $4x \neq 8$.
 C. If $x = 2$, then $4x \neq 8$. D. If $4x \neq 8$, then $x \neq 2$.
7. Triangle ABC is an equilateral triangle with side length of 10 inches.
 If \overline{AD} is the median of the triangle, what is the length of \overline{AD} ?
 A. 5 B. $5\sqrt{2}$ C. $5\sqrt{3}$ D. 10
8. If I want to make a garden that is triangular,
 which of the following would be possible dimensions for it?
 A. 4 feet by 5 feet by 10 feet B. 6 feet by 6 feet by 12 feet
 C. 6 feet by 8 feet by 10 feet D. 8 feet by 12 feet by 20 feet
9. In $\triangle BCD$, $\angle B = 60^\circ$ and $\angle D = 40^\circ$. Which side is the longest side of the triangle?
 A. \overline{CD} B. \overline{BD} C. \overline{BC} D. \overline{AD}
10. Which of the following quadrilaterals is not a parallelogram?
 A. rectangle B. rhombus C. square D. trapezoid