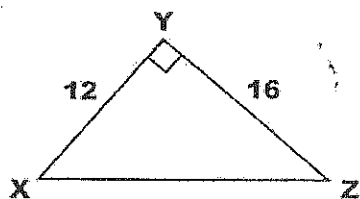
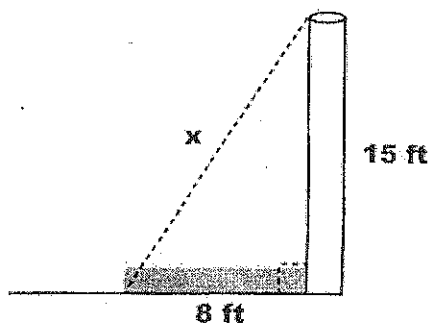


- 1 If triangle XYZ is a right triangle, what is the length of XZ ?



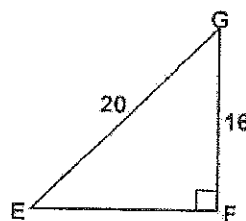
- A 4 units C 20 units
B 14 units D 25 units

- 2 A pole 15 feet tall cast a shadow of 8 feet. Stu wants to measure x , the distance from the top of the pole to the tip of its shadow. What is the value of x ?



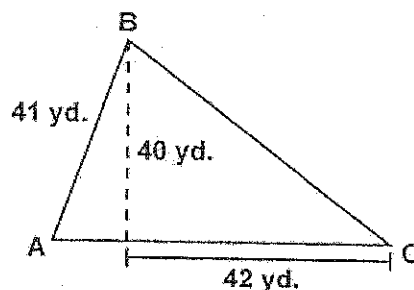
- A 7 ft C 23 ft
B 17 ft D 289 ft

- 3 If triangle EFG is a right triangle, what is the length of EF ?



- A 10 C 13
B 12 D 14

- 4 Find the approximate perimeter of triangle ABC .



- A 92 yd C 141 yd
B 123 yd D 150 yd

- 5 A flagpole is to be secured with a wire that will extend from the top of the pole to a stake in the ground 20 feet from the base of the pole. If the wire is 30 feet long, how tall is the flag pole? Round to the nearest tenth.

