Tic TacToe—Can you solve three in a row?
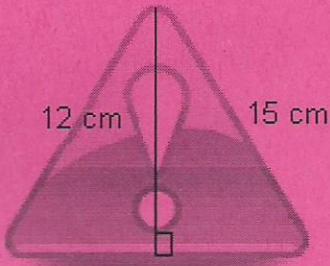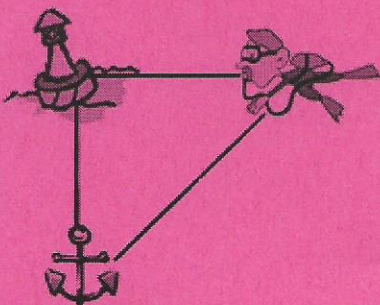
A guywire 20 m long is attached to the top of a telephone pole. The guywire is just able to reach a point on the ground 12 m from the base of the telephone pole. Find the height of the telephone pole.
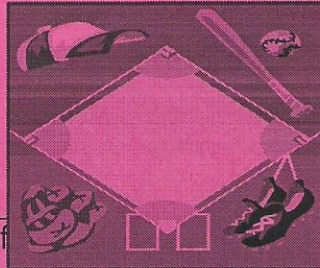
A model of a baseball diamond is a square with a perimeter of 36 in. What is the length on the model from first base to third base? (round to the nearest whole number)

Eva Lewis wants to put an underground sprinkler system in her back yard. A drawing of the system is shown below. About how many feet of water pipe will Eva need?

30 ft

Pipe   40 ft

The _____ ngle is 1 _____ are each 15 cm long. Find the length of the base of the figure.

The top of _____ high. Ropes connect the top of each pole to the stakes in the ground. The ropes are connected to the stake .8 feet from the pole. What is the total amount of rope needed to stake the net?

What is the length of each diagonal of a cube that is 8 cm on each side? (round to the nearest whole number)
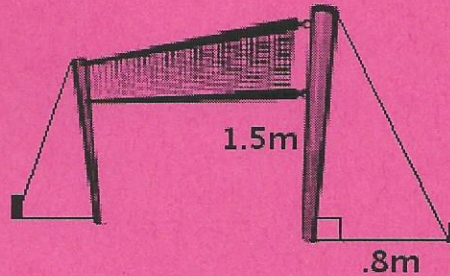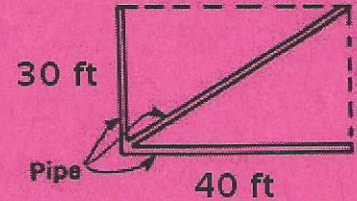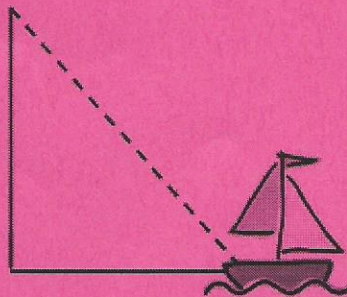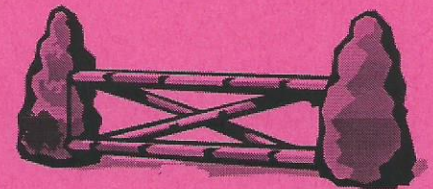
12 cm   15 cm

1.5m

.8m

A diver swims 25 ft under water to the anchor of a buoy that is 15ft below the surface of the water. On the surface, how far is the buoy located from the place where the diver started?

A ship leaves port and sails 8 miles west then 6 miles north and then returns to port. How far did the ship travel in all?

The fence below is used in horse jumping competitions. It is 12 feet long and 5 feet high. The fence is supported by the cross poles which make an x across the fence. What is the total length of wood which is needed to make the cross poles?

Tic Tac Toe--Work Board

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Tic Tac Toe—Answer Choices

A) 23.3 m B) 16 m C) 8 m D) 28 m	A) 13 in B) 18 in C) 51 in D) 35 in	A) 50 ft B) 70 ft C) 120 ft D) 140 ft
A) 9 cm B) 19.2 cm C) 18 cm D) 3 cm	A) 17 m B) 1.7 m C) 8 m D) 3.4 m	A) 11 ft B) 16 ft C) 32 ft D) 64 ft
A) 29 ft B) 10 ft C) 20 ft D) 15 ft	A) 14 miles B) 24 miles C) 5 miles D) 10 miles	A) 15 ft B) 24 ft C) 13 ft D) 26ft