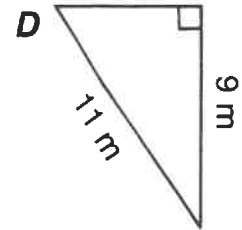
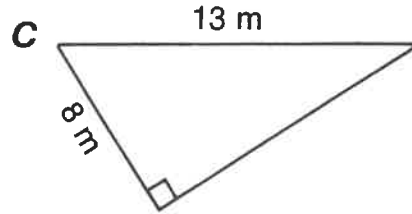
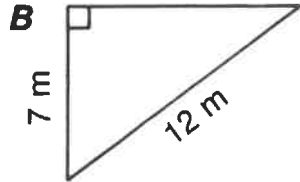
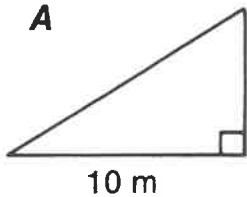


What Did Lancelot Say To The Beautiful Ellen?

TO ANSWER THIS QUESTION:

Cross out the box containing the answer to each problem. When you finish, write the letters from the boxes that are not crossed out in the boxes at the bottom of the page.

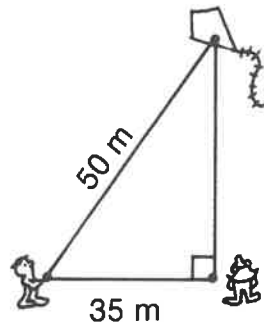
- ① For each right triangle, find the length of the side that is not given:



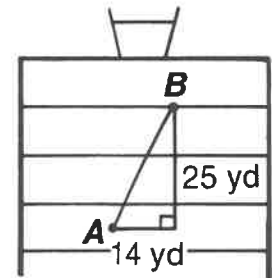
- ② The bases on a baseball diamond are 90 feet apart. How far is it from home plate to second base?

- ⑤ An 18-foot ladder is leaned against a wall. If the base of the ladder is 8 feet from the wall, how high up on the wall will the ladder reach?

- ③ Orgo has let out 50 meters of kite string when he observes that his kite is directly above Zorna. If Orgo is 35 meters from Zorna, how high is the kite?

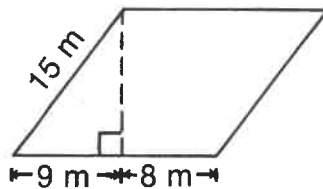


- ⑥ A quarterback at point A throws the football to a receiver who catches it at point B. How long was the pass?

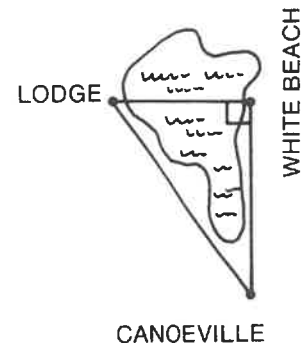


- ④ A What is the height of this parallelogram?

- B What is the area of the parallelogram?



- ⑦ From Canoeville it is 2.4 kilometers to White Beach and 3.0 kilometers to the Lodge. How far is it from White Beach across the lake to the Lodge?



ST $\sqrt{821}$ yd $\doteq 28.7$ yd	IC $\sqrt{3.16}$ km $\doteq 1.78$ km	KW $\sqrt{144}$ m $= 12$ m	QU $\sqrt{136}$ m $\doteq 11.7$ m	IT $\sqrt{3.24}$ km $\doteq 1.8$ km	UR $\sqrt{842}$ yd $\doteq 29.0$ yd	AT $\sqrt{16200}$ $\doteq 127'$	GR $\sqrt{95}$ m $\doteq 9.75$ m
AB 234 m^2	EA $\sqrt{105}$ m $\doteq 10.2$ m	TC $\sqrt{260}$ $\doteq 16.1'$	UT $\sqrt{275}$ $\doteq 16.6'$	ER 204 m^2	EA $\sqrt{1275}$ m $\doteq 35.7$ m	LN $\sqrt{1325}$ m $\doteq 36.4$ m	GT $\sqrt{40}$ $\doteq 6.32$ m

Crack The Code

Solve any proportion below and find your answer in the code at the bottom of the page. Each time the answer appears in the code, write the letter in that proportion above the answer. Keep working and you will decode the poem.

$$\textcircled{1} \frac{10}{6} = \frac{15}{F} \quad F = \quad \textcircled{6} \frac{15}{20} = \frac{18}{K} \quad K = \quad \textcircled{11} \frac{2\frac{1}{2}}{5} = \frac{P}{4} \quad P = \quad \textcircled{16} \frac{9}{S} = \frac{5}{2} \quad S =$$

$$\textcircled{2} \frac{6}{4} = \frac{H}{10} \quad H = \quad \textcircled{7} \frac{N}{49} = \frac{10}{35} \quad N = \quad \textcircled{12} \frac{12}{I} = \frac{14}{3\frac{1}{2}} \quad I = \quad \textcircled{17} \frac{M}{4} = \frac{1\frac{1}{2}}{5} \quad M =$$

$$\textcircled{3} \frac{4}{A} = \frac{9}{18} \quad A = \quad \textcircled{8} \frac{2}{1} = \frac{U}{25} \quad U = \quad \textcircled{13} \frac{5}{10} = \frac{V}{3} \quad V = \quad \textcircled{18} \frac{3}{2} = \frac{O}{O} \quad O =$$

$$\textcircled{4} \frac{C}{15} = \frac{21}{9} \quad C = \quad \textcircled{9} \frac{16}{40} = \frac{24}{Y} \quad Y = \quad \textcircled{14} \frac{E}{5} = \frac{2}{3} \quad E = \quad \textcircled{19} \frac{3}{11} = \frac{T}{3} \quad T =$$

$$\textcircled{5} \frac{24}{D} = \frac{16}{22} \quad D = \quad \textcircled{10} \frac{L}{15} = \frac{14}{10} \quad L = \quad \textcircled{15} \frac{4}{1} = \frac{11}{B} \quad B = \quad \textcircled{20} \frac{7}{R} = \frac{16}{2} \quad R =$$

$$\frac{7}{8} \cdot 50 \cdot \frac{9}{11} \cdot 15 \quad \frac{7}{8} \cdot 2\frac{1}{3} \cdot 33 \cdot 3\frac{1}{3} \quad 2\frac{1}{3} \cdot 14 \quad 1\frac{1}{5} \cdot 60 \quad 1\frac{1}{5} \cdot 2\frac{1}{3} \cdot \frac{9}{11} \cdot 2\frac{1}{3} \cdot \frac{7}{8} \quad 2\frac{3}{4} \cdot 3 \cdot 24 \cdot 3\frac{1}{3}$$

$$2\frac{1}{3} \cdot 14 \quad \frac{9}{11} \cdot 15 \cdot 3\frac{1}{3} \quad 3\frac{3}{5} \cdot 3\frac{1}{3} \cdot 8 \cdot \frac{9}{11} \quad 3 \cdot 14 \quad 2\frac{3}{4} \cdot 8 \cdot 35 \cdot 24 \quad 2\frac{1}{3} \cdot 9 \quad 1\frac{1}{5} \cdot 3\frac{1}{3}$$

$$3 \quad \frac{9}{11} \cdot 2\frac{1}{3} \cdot 2\frac{1}{3} \cdot 24 \quad 8 \quad 2\frac{3}{4} \cdot 50 \cdot 1\frac{1}{5} \cdot 2 \quad 8 \cdot \frac{9}{11} \quad 9 \cdot 3 \cdot 9 \cdot \frac{9}{11} \cdot 60 \quad 9 \cdot 3 \cdot 1\frac{1}{2} \cdot 3\frac{1}{3}$$

$$8 \cdot 14 \cdot 33 \quad \frac{7}{8} \cdot 2\frac{1}{3} \cdot 33 \cdot 3\frac{1}{3} \quad 2\frac{1}{3} \cdot 14 \quad \frac{7}{8} \cdot 50 \cdot \frac{9}{11} \cdot 15 \cdot 21 \cdot 3\frac{1}{3} \cdot 3\frac{3}{5} \cdot 3\frac{3}{5} \cdot 21 \cdot 60$$