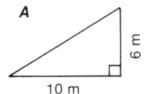
Worksheet #2

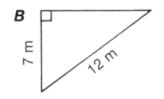
What Did Lancelot Say To The Beautiful Ellen?

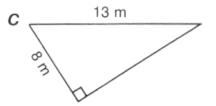
TO ANSWER THIS QUESTION:

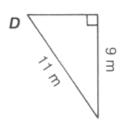
Cross out the box containing the answer to each problem. When you finish, write the letters from the boxes that are not crossed out in the boxes at the bottom of the page.

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





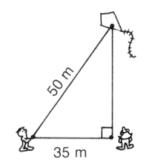


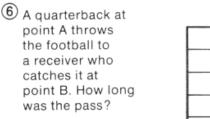


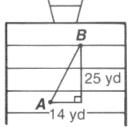
2 The bases on a baseball diamond are 90 feet apart. How far is it from home plate to second base?

(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?







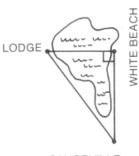
4 What is the height of this parallelogram?

B What is the

area of the parallelogram?

25/1

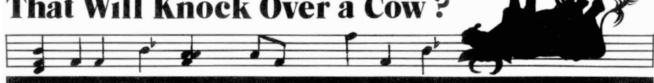
7 From Canoeville it is 2.4 kilometers to White Beach and 3.0 kilometers to the Lodge.
How far is it from White Beach across the lake to the Lodge?



CA	١N	0	F	VI	1		F
\sim	** *	~	_		_	_	-

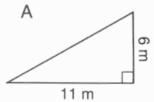
H	ST	IC	KW	QU	IT	UR	AT	GR	
	$\sqrt{821}$ yd	$\sqrt{3.16}$ km	$\sqrt{144}$ m	$\sqrt{136}$ m	$\sqrt{3.24}$ km	$\sqrt{842}$ yd	$\sqrt{16200'}$	$\sqrt{95}$ m	
H	≐ 28.7 yd	≐ 1.78 km	= 12 m	≐ 11.7 m	≐ 1.8 km	≐ 29.0 yd	± 127′	≐ 9.75 m	H
	AB	EA	TC	UT	ER	EA	LN	GT	Ħ
H		$\sqrt{105}$ m	√260′	$\sqrt{275'}$		$\sqrt{1275}$ m	$\sqrt{1325}$ m	$\sqrt{40}$	
F	234 m²	≐ 10.2 m	÷ 16.1′	÷ 16.6′	204 m²	≐ 35.7 m	≐ 36.4 m	≐ 6.32 m	耳

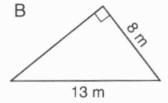
How Do You Write a Song That Will Knock Over a Cow?

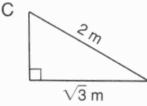


Solve each problem below. Cross out the box that contains your answer. When you finish, print the letters from the remaining boxes in the spaces at the bottom of the page.

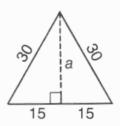
1 For each right triangle, find the length of the side that is not given:





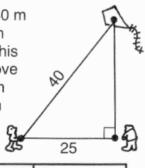


- A rectangle is 7 cm wide and 10 cm long. Find the length of a diagonal of the rectangle.
- Each side of an equilateral triangle measures 30 cm. Find the length of an altitude, a, of the triangle.



A television set may be described in terms of the diagonal measure of its screen. If a TV screen is 16 inches by 12 inches, what is the length of its diagonal?

- A 20-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?
- 6 The bases of a softball diamond are 60 feet apart. How far is it from home plate to second base?
- Jack has let out 40 m of kite string when he observes that his kite is directly above Jill. If Jack is 25 m from Jill, how high is the kite?



BY	IN	SO	TH	BE	AT	ER	
$\sqrt{7200}$ ft	$\sqrt{123}$ m	$\sqrt{105}$ m	$\sqrt{675}$ cm	$\sqrt{6400}$ ft	$\sqrt{975}$ m	$\sqrt{149} \text{ cm}$	
≐84.9 ft	≐11.1 m	≐10.2 m	≐26.0 cm	=80 ft	≐31.2 m	≐12.2 cm	
EF	OR	NG	FL	ΙΤ	BE	AT	
$\sqrt{850}$ m	$\sqrt{336}$ ft	$\sqrt{157}$ m	$\sqrt{425}$ cm	$\sqrt{1}$ m	$\sqrt{400}$ in.	$\sqrt{380}$ in.	
≐29.2 m	≐18.3 ft	≐12.5 m	≐20.6 cm	=1 m	=20 in.	≐19.5 in.	