

WHAT COMES FROM SPACE AND LEADS A PARADE?



Cross out the letters above each correct answer (most answers are rounded). When you finish, write the remaining letters in the spaces at the bottom of the page.

1 Find the length of the hypotenuse of each right triangle.



2 A wire is stretched from the top of an 8-ft pole to a bracket 5 ft from the base of the pole. How long is the wire?



3 A helicopter rose vertically 300 m and then flew west 400 m. How far was the helicopter from its starting point?

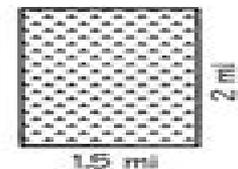
5 The treasure map said to start at the old oak tree, walk 70 paces north, then 40 paces east, then dig. What is the straight-line distance (in paces) from the tree to the treasure?

6 The bases on a softball diamond are 60 ft apart. How far is it from home plate to second base?

4 The triangles below are drawn on 1-cm dot paper. Find the perimeter of each triangle.



7 A park is in the shape of a rectangle 2 mi long and 1.5 mi wide. How much shorter is your walk if you walk diagonally across the park rather than along two sides of it?



B	AM	AN	A	D	R	UM	TI	ME
9.4 ft	1.2 mi	6.8 cm	9.7 ft	1 mi	82.5	17 ft	485 m	8.6 cm
A	T	ON	NB	IT	L	AN	E	D
14.4 cm	80.6	13.9 cm	85.6 ft	500 m	84.9 ft	7.9 cm	14.1 in.	15.2 in.

A MARTIAN BAND

Marcy Mathworks B Answer Key

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