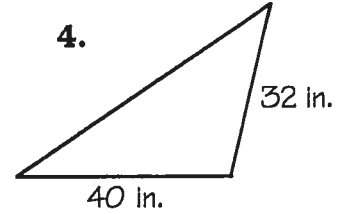
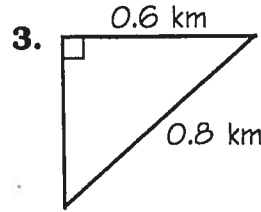
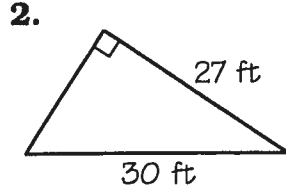
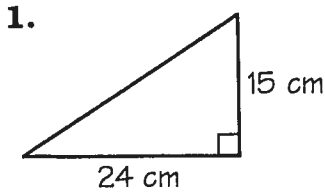


What Do You Call an Occupied Restroom On an Airplane?

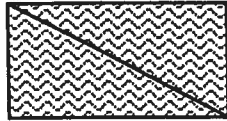
Cross out the letters above each correct answer (most answers are rounded). When you're finished, write the remaining letters in the spaces at the bottom of the page.

Find the missing side length, if possible.

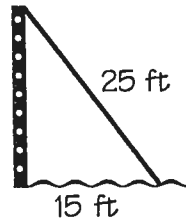


Solve.

5. Mr. Potato bought a big-screen TV. The screen is 52 in. wide and 29 in. high. Find the length of its diagonal.



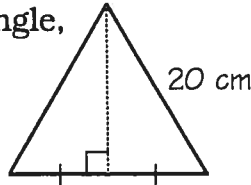
6. A 16-foot ladder is leaned against a wall. If the base of the ladder is 5 ft from the wall, how high up on the wall does the ladder reach?



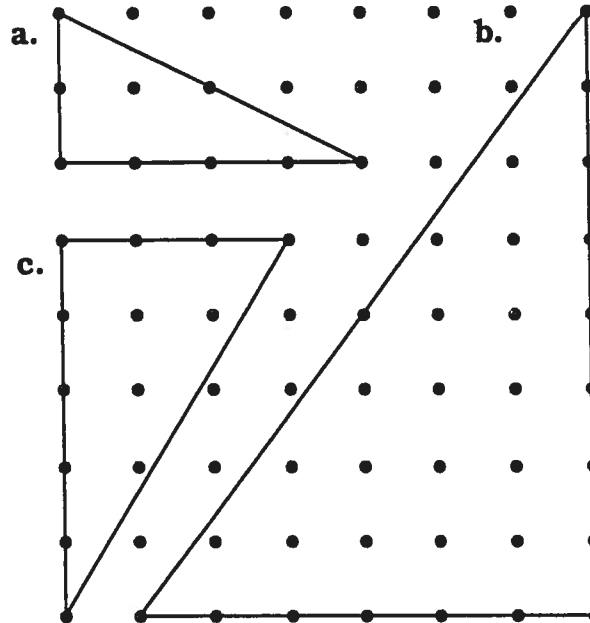
7. A 25-foot waterslide extends 15 ft out into the water. How high is the top of the slide?

8. Two trains left Frog City at the same time. One traveled north at 70 mph. The other traveled east at 50 mph. About how far apart were the trains at the end of three hours?

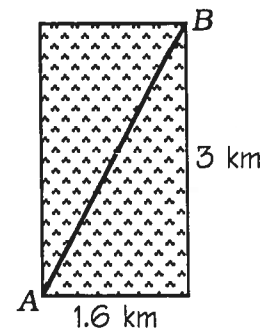
9. For this equilateral triangle,
a. Find the height.
b. Find the area.



10. These triangles are drawn on 1-cm dot paper. Find the perimeter of each.



11. A park is in the shape of a rectangle 3 km long and 1.6 km wide. You are walking from point A to point B. How much shorter is your walk if you walk diagonally across the park rather than along two sides of it?



TH	AT	HI	NG	BI	GH	IT	ON	AS	PO
0.5 km	173 cm ²	0.7 km	28.3 cm	1.2 km	14.5 ft	24 cm	15.2 ft	17.3 cm	16.5 cm
SA	TI	ME	AN	NU	MB	ER	UP	SE	NT
20 ft	264 mi	13.8 cm	59.5 in.	27.5 cm	258 mi	13.1 ft	10.5 cm	58.3 in.	not possible