Triangles

Name





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9.	The vertex angle base angle. Find [1] 18°	of an isosceles triang the measure of a bas [2] 24°	gle measures e e angle. [3] 36°	ight times the measure of [4] 43°	a 9
10.	The sides of a tria similar triangle w [1] 10	angle are 5, 6 and 10. whose shortest side is [2] 15	. Find the leng 15. [3] 18	gth of the longest side of a	a 10
11.	A frisbee lands of must be placed su and the top of the shortest length lac [1] 15'	n the top of a 15' con uch that the foot of the ladder rests on the to dder that can be used [2] 16'	crete wall. To the ladder is 6 fo op of the wall. [? [3] 17'	o retrieve the frisbee, a lac eet from the base of the w Which choice is the [4] 18'	lder vall 11
12.	In triangle <i>ABC</i> , <i>n</i> longest? [1] \overline{AC}	m < A = 60 and m < B = [2] \overline{AB}	= 40. Which s [3] \overline{BC}	ide of triangle ABC is the [4] $\overline{BC} \cong \overline{AB}$	12
13.	At a certain time nearby flagpole a [1] 8.5'	of the day, the shado t this same time is 28 [2] 16'	ow of a 5' boy i 3' long. How t [3] 17.5'	is 8' long. The shadow of all is the flagpole? [4] 20'	°a 13
14.	Which of the follo [1] 2.4, 3.2, 4 [2] 4.3, 4.4, 4.5	owing lengths are the [3] 3.1, 4.2, 5 [4] All of the	e sides of a rig 4.8 above.	ht triangle?	14
15.	Given: $\overline{AB} \cong \overline{DE}$ Which of the folloprove that ΔABC [1] Side-Angle-S [2] Angle-Side-A [3] Side-Side-Side [4] There is insu- determine if the second	and $\measuredangle A \cong \measuredangle D$. owing methods can be $T \cong \triangle DEC$? Side (SAS) Angle (ASA) de (SSS) fficient information to the triangles are const	be used to	A D B C E	15
16.	Find <i>x</i> to the <i>near</i> [1] 6.9 [2] 8.0 [3] 13.9 [4] 15.0	rest tenth.	12		16

