

What Do They Can the Big Grass Field on an Orbiting Satellite?

For the first eight exercises, find the length x . For the remaining exercises, find the length needed to solve the problem. Round each answer to the nearest tenth. Cross out each box that contains a correct answer. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

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TH	AP	ET	E	AR	UN	A	KI	SS
4.7 m	5.4 m	5.2 m	2.1 m	23.5 m	6.2 m	22.2 m	28.7 mi	61.8 m
RU	NS	TO	P	UP	A	KY	NI	CE
18.5 cm	3.2 m	7.3 cm	63.6 m	34.9 mi	15.3 cm	10.9 m	16.9 cm	17.1 cm

● DAFFYNITION DECODER ●

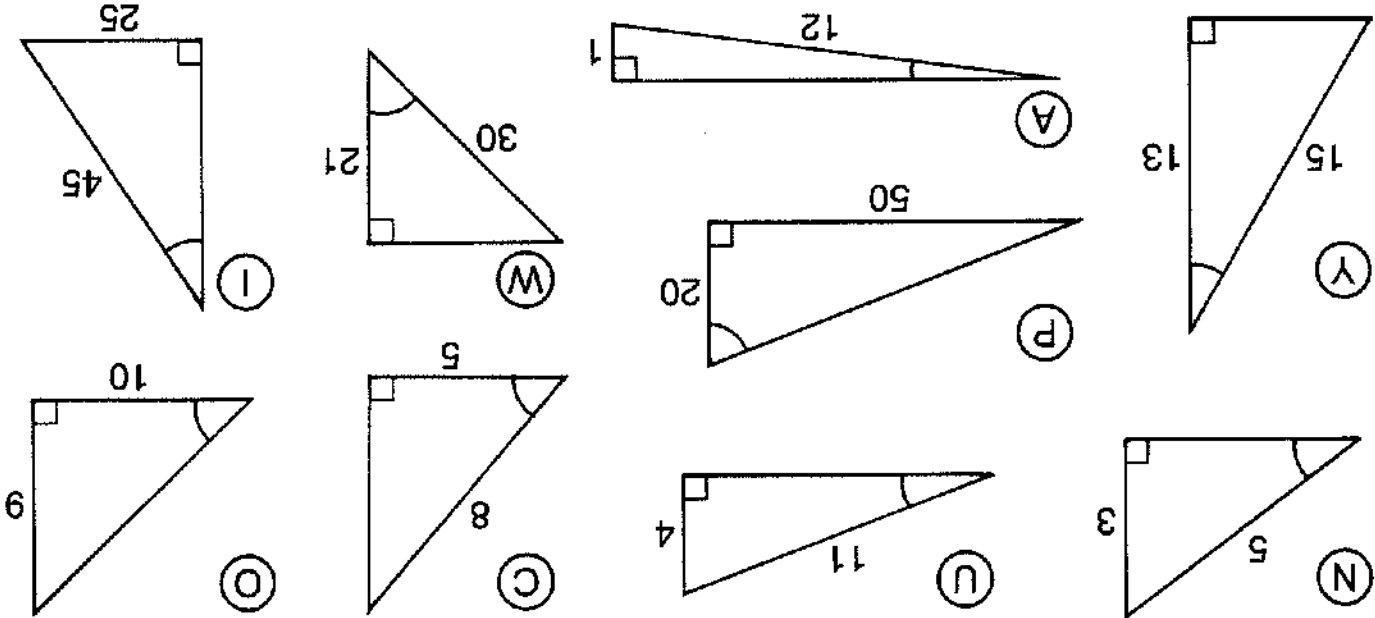
EUROPE:

30°	42°	21°	24°	74°	2°	21°	24°	37°	49°	2°	42°	17°	32°	5°	2°
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UNDERGROUND GARAGE:

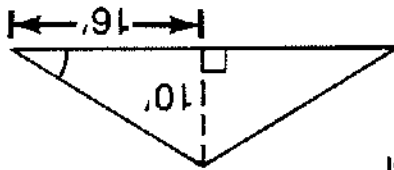
46°	5°	9°	9°	28°	2°	42°	7°	46°	5°	9°	9°	7°	51°	5°	24°	68°	34°	2°
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TO DECODE THE TWO DAFFYNITIONS ABOVE: For the first nine exercises, find the measure of the angle indicated. For the remaining exercises, find the angle measure needed to solve the problem. Round to the nearest degree. Each time the answer appears in the code, write the letter of the exercise below it.

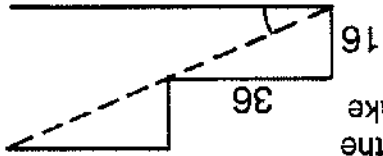


L A driveway is built on an incline so that it rises 3 m over a distance of 20 m. What is the angle of elevation of the driveway?

B A roof is constructed as shown in the diagram. Find the pitch (angle of elevation) of the roof.



R Each step of a stairway rises 16 cm for a tread width of 36 cm. What angle does the stairway make with the floor?



T A train decreases its altitude by 8 m when travelling along 200 m of track. Find the angle of depression of the track.

