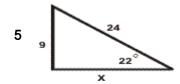
## Quiz: Trigonometric Word Problems

A 42 mladder leans against a wall. The bottom of the ladder is 16 m from the wall. What angle does the ladder make with the ground?

A kite is 33 m above the ground. The kite string makes an angle of 38° with the ground. Assuming that the string is taut, how much string is out?

A balloonist records altitude as 1208 meters, the angle of depression of the landing spot to 3 be 17°. How far is the landing spot from a point on the ground vertically?

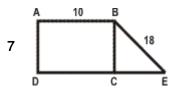
An 8 meter ladder makes an angle of 62° with the ground. How far is the bottom of the ladder from the base of the building?



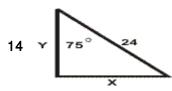
What is formula to find x?

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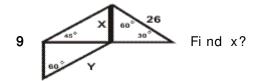
Find the area of trapezoid?

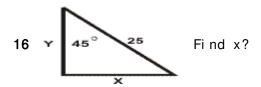


ABCD is a rectangle with perimeter 30. Find the measure of ∠B?



What is formula to find x?





Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percent age Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%