Applications of Proportions 1. On a road map, the scale indicates that I cm represents 60 miles. If the measured distance between two cities on the map is 6.7 cm, how many miles apart are they? 2. Suppose a truck travels at 55 mph. How many miles will the truck travel in 8 hours?

3. A recipe calls for 3 cups of milk for 8 servings. How many cups of milk are needed to make 6 servings? 4. At a local college, the cost per unit of instruction is \$24.00. If a student plans to take 27.5 wits during the next two semesters, how much will the student pay for tuition?

	Applications of Proportions
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MATERIAL PROPERTY AND A STATE OF THE STATE OF	PROPORTION => 1 cm - 6.7 cm 60 miles X miles
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x 60	
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2	Suppose a truck travels at 55 mph.
and the time that the property of the contract	How many miles will the truck travel
	in 8 hours?
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55 v 8	55 (= X)
440	
	440 = X
	Therefore X = 440 miles

A. 150

