UNITARY METHOD WORD PROBLEMS



Name:			Date: /_	_/Score
		Wo	RKSHEET-3	
 Answer each question and round your answer to the nearest whole number. 1. Oak Grove and Kumba are 2 in apart on a map that has a scale of 1 in : 6 mi. How far apart are the real cities? 				
	A) 72 mi	B) 13 mi	C) 14 mi	D) 12 mi
2.	A model train has a scale of 1 in : 2 ft. If the model train is 6 in tall, then how tall is the real train?			
	A) 12 ft	B) 3 ft	C) 2 ft	D) 8 ft
3.	A 2 ft tall globe standing next to a petrified stump casts a 5 shadow. If the petrified stump is 4 ft tall, then how long is shadow?			
	A) 1 ft	B) 2 ft	C) 13 ft	D) 10 ft
4.	A 3 ft tall bird bath standing next to a man casts a 1 ft shadow. man casts a shadow that is 2 ft long, then how tall is he?			
	A) 6 ft	B) 18 ft	C) o ft	D) 9 ft
5.	A 2 ft tall globe standing next to a car casts a 1 ft shadow. If the car is 6 ft tall, then how long is its shadow?			
	A) 3 ft	B) 4 ft	C) 12 ft	D) 1 ft
6.	A model house is 10 in wide. If it was built with a scale of 1 in : 2 for then how wide is the real house?			
	A) 12 ft	B) 2 ft	C) 20 ft	D) 5 ft
7•	A model house has a scale of 1 in : 2 ft. If the real house is 20 ft ta then how tall is the model house?			
	A) 18 in	B) 2 in	C) 10 in	D) 40 in



8. A model motorcycle has a scale of 1 in : 2 ft. If the real motorcycle is 10 ft long, then how long is the model motorcycle?
A) 8 in
B) 20 in
C) 5 in
D) 2 in

9. A 6 ft tall woman standing next to a telephone booth casts a 2 ft shadow. If the telephone booth casts a shadow that is 3 ft long, then how tall is it?
A) 9 ft
B) 18 ft
C) 27 ft
D) 1 ft

10. A particular giraffe is 10 ft tall. A model of it was built with a scale of 1 in : 2 ft. How tall is the model?A) 8 inB) 2 inC) 5 inD) 20 in

11. If a 14 ft tall ladder casts a 7 ft long shadow, then how tall is a statue that casts a 5 ft shadow?
A) 28 ft B) 4 ft C) 10 ft D) 20 ft

12. If a 10 ft tall statue casts a 20 ft long shadow, then how tall is a man that casts a 12 ft shadow?
A) 6 ft
B) 5 ft
C) 40 ft
D) 3 ft

13. A statue that is 12 ft tall casts a shadow that is 8 ft long. Find the length of the shadow that a 9 ft adult elephant casts.A) 14 ftB) 6 ftC) 5 ftD) 18 ft

14. If a 4 ft tall baby elephant casts a 5 ft long shadow, then how tall is an adult giraffe that casts a 20 ft shadow?A) 13 ftB) 16 ftC) 6 ftD) 3 ft

15. If a 6 ft tall baby giraffe casts a 12 ft long shadow, then how tall is a car that casts a 8 ft shadow?A) 4 ftB) 24 ftC) 2 ftD) 3 ft



