

Quiz: Ratio Word Problems

1	Megan is 6 feet tall. At a certain time of day, she measures her shadow, and finds it is 7 feet long. She also measures the shadow of a building which is 210 feet. How tall is the building?	
2	A child can run 8 blocks in 20 minutes. How long does it take the child to run 74 blocks, at the same speed?	
3	Tim is at a shop and he see that 2 shirts cost \$2.12. He needs 7 shirts. How much will 7 shirts cost?	
4	It takes 7 people to pull a 49 ton bus. How many people would it take to pull a 392 ton bus?	
5	The ratio of the cost of a DVD player to the cost of a show is 8:3. A DVD player costs \$30 more than a show. What is the cost of a DVD player?	
6	If a turntable rotates through 540 degrees in 1 minute, how many degrees does it rotate in 3 minutes?	
7	The cost of a lunch of 1 pizza and 2 cups of coffee is \$7. The cost of a lunch of 3 pizzas and 5 cups of coffee was \$20 at the same cafe. How much will 1 pizza and 1 cup of coffee?	
8	Jack takes inventory of his closet and discovers that he has 9 shirts for every 4 pairs of jeans. If he has 72 shirts, how many pairs of jeans does he have?	
9	If the ratio of living to non living cells in a human body is 1 to 49, and there are a total of 500 million cells, how many of them are living?	
10	Dick has a record of winning 7 boxing matches for every 8 he loses. If he had 90 matches during the last year, how many did he win?	

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