

Quiz: Ratio Word Problems

- 1 Nancy is 5' tall. At a certain time of day, she measures her shadow, and finds it is 9' long. She also measures the shadow of a building which is 200'. How tall is the building?
- 2 A child can run 9 blocks in 5 minutes. How long does it take the child to run 45 blocks, at the same speed?
- 3 Jack is at the Superstore, and he see that 9 oranges cost \$3.35. He needs 27 oranges to make a huge fruit salad. How much will 27 oranges cost?
- 4 It takes 18 people to pull a 35 ton bus. How many people would it take to pull a 140 ton bus?
- 5 Which is bigger, half of 16 or one-sixth of 42?
- 6 If a turntable rotates through 720 degrees in one second, how many revolutions does it make in five seconds?
- 7 The cost of a lunch of 1 sandwich and 3 cups of coffee is \$5. The cost of a lunch of 3 sandwiches and 5 cups of coffee was \$11 at the same cafe. How much will 1 sandwich and 1 cup of coffee?
- 8 Tom takes inventory of his closet and discovers that he has 20 shirts for every 8 pair of jeans. If he has 50 shirts, how many pairs of jeans does he have?
- 9 Two numbers are in a ratio of 5:9. Their sum is 140. Find the bigger number.
- 10 David has a record of winning 3 boxing matches for every 5 he loses. If he had 80 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%