Grade 8 Math: Unit 5 Percent & Ratios
Test Review WORKSHEET

Calculate Each

1.   Complete the chart

Percent	Decimal	Fraction
0.089%		
	0.26	
		$\frac{24}{51}$
26%		
	0.245	

2a) Find 0.5% of 350.
a.   Find 180% of 90

3.   Mentally show a) 70 % of 200.   B) 15% of 700

4) The new skates that you want is $250.   They are on sale for 25% off.   (a) Find the amount of **discount and the sale price.** (b) Find the amount of **sales tax and the total cost**   **(c) You have have $200 save up already. Do you have enough to buy the skates?**   (d)   Next week your parents offer to give you an amount equal to 10% of your savings. Will you have enough money to buy the skates next week?

5) Jan has completed 85% of his multiple choice test and is on number 102.
How many more questions does he have to complete? (Be careful 2 parts)

6) On recent test in different subjects, Kai made 37 out 42, Jim made 81 out of 92 , and Leno made 51 out of 65.
Who did the best? Explain.

7) Express as a unit rate.
          a) Karen earns $420 in 7 h.   **b)** A car travels 850 km in 8 hours

8) Show which is a better deal
  $3.56 for a dozen of juice   or $0.58 for 2 juice

9) Find the missing number in each pair of equivalent ratios.
          a) 24:36 and __:18   **b)** 50:16 and __:40

10) The population of grade 8 is 31 and the population of the school is 564. What percentage of the school is grade 8?