

TEST OUTLINE

_____, TEST on Chapter 5

Part 1) 5 MC

Part 2) 8 short response

#1) Find the missing number in each equivalent ratio ex) $25 : 5 = \underline{\quad} : 7$

#2) Mentally find % of Ex) 200% of 300

3 & 4) Sales tax & Discount

#5 & 8) Express as a unit rate (Second term must be 1) Ex) Earn \$90 in 3 hours then \$30 in 1 Hour

#6 Given a picture of shapes write the ratios indicated

7) Compare ratios

Examples of test questions

1) 35% of number is 31.5, what is the number?

2) Find the following

a) 25% of 40

b) 34% of 68

d) 0.5% of 120

d) 140% of 320

3) a) find the missing blanks (Show work...hint sometimes you need to reduce)

a) $34:18 = 17:\underline{\quad}$

b) $9:4 = 90:\underline{\quad}$

c) $25:30 = \underline{\quad}: 24$

4) Express the following as a unit rate

a) A truck drives 240 km in 2 hours

b) A women types 80 word is 20 seconds

5) The population of Nova Scotia is about 1 000 000 and the population of Canada is about 39 000 000. About what percent of the population of Canada is Nova Scotia?

6) Find each percent (Show work Mentally)

a) 500% of 200

b) 30% of 140

7) You have \$60 saved in your piggy bank. You want to buy a new shirt that is \$125. The shirt is reduced by 20%. There is 15% tax.

a) Find the discount and the sales price

Discount



sales price

b) Find the sales tax on the sales price and the total price with tax

Sales tax amount



Cost with tax

c) Do you have enough money to buy the shirt?

8) Kim & John wrote 2 test. Kim made 14 out of 21 on the test and John made 32 out of 48. Kim says she did better, is this true? SHOW WORK

9) Jim completed 30% of his homework which is 12 questions.

a) What is his total amount of homework questions did his teacher assign?

b) How many questions does he have left to do?