

Name:

ANSWERS!

Period:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Part 4-1 Classwork

Calculators OK

$$\frac{\text{Part}}{\text{Whole}} = \frac{\%}{100}$$

Question 01

Malcolm correctly states that 25% of 88 is 22. Draw a line to label each value with the percent formula.

Part _____ 25
 Whole _____ 88
 Percent _____ 22

$$\frac{\text{Part}}{\text{Whole}} = \frac{\%}{100}$$

$$\frac{22}{88} = \frac{25}{100}$$

Question 02

Tia correctly states that 30 is 60% of 50. Draw a line to label each value with the percent formula.

Part _____ 30
 Whole _____ 60
 Percent _____ 50

$$\frac{\text{Part}}{\text{Whole}} = \frac{\%}{100}$$

$$\frac{30}{50} = \frac{60}{100}$$

Question 03

Lena correctly states that 120% of 40 is 48. Draw a line to label each value with the percent formula.

Part _____ 120
 Whole _____ 40
 Percent _____ 48

$$\frac{\text{Part}}{\text{Whole}} = \frac{\%}{100}$$

$$\frac{48}{40} = \frac{120}{100}$$

Question 04

For each statement, select "True" or "False".

Statement	True	False
40% of a number will be a value less than that number.	X	
100% of a number is twice the value of that number.		X
100% of a number is that same number.	X	
50% of a number is one half the value of that number.	X	
150% of a number is twice the value.		X
40% of a number will be a value greater than that number.		X
If a shirt is being sold for "20% off" its original price, you will have to pay 20% of the original price.		X
If a shirt is being sold for "20% off" its original price, you will have to pay 80% of the original price.	X	
125% of a number will be a value greater than that number.	X	
125% of a number will be a value less than that number.		X

Question 05

Which one of the statements below is correct?

- a) A number that is 200% of x will be a number that is 0.2 times x .
- b) A number that is 200% of x will be a number that is 2 times x .**
- c) A number that is 200% of x will be a number that is 20 times x .
- d) A number that is 200% of x will be a number that is 200 times x .

lets use 6 & 12

$$\frac{\text{Part}}{\text{Whole}} = \frac{\%}{100}$$

$$\frac{6}{12} = \frac{200}{100}$$