



# Activity 47


- ① Part to whole is what %?  
 ② Find the part when given the whole and percentage.  
 ③ Find the whole when given the part and percentage


Name \_\_\_\_\_

546	20	80	53	37.5	50
53	18	646	18	375	80
27.5	27	37.5	20	50	9
37.5	646	9	27.5	18	20
53	50	27	50	546	80
375	9	80	53	27.5	18


1.  A \$45 sweater was on sale for 20% off. What was the savings in dollars?


2.  A graphics designer saved 10% of her monthly salary of \$3,750. How many dollars did she save?


3.  60% of the 45 teachers in a school are male. How many male teachers are there?


4.  The population of a town was 2,650 and it increased by 2% one year. What was the increase?


5.  A player got 55 hits in 200 times at bat. What percent is 55 of 200?


6.  40% of the instruments in an orchestra of 125 are strings. How many string instruments are there?


7.  Basketballs listed at \$24 were on sale for 25% off. What was the sale price in dollars?

8.  A team won 8 games and lost 2 games. What percent of games played were won?

9.  Jogging shoes listed at \$72 were on sale for \$45. What percent of the regular price was saved?

10.  A school with 850 students had 24% absent one day. How many students were in school?

11.  65% of a class of 840 students plan to attend college. How many plan to attend college?

12.  A waiter received a tip of \$18. What percent was the tip of the bill of \$90?

**Activity 47 – Organized Work**

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

**Please circle your answers.**

1.	2.	3.
4.	5.	6.
7.	8.	9.
10.	11.	12.