

Name: \_\_\_\_\_

1) Work out these percentages:  
Remember you can find 1% by moving the decimal point 2 places to the left of the total, like this:  
12% of 50 = \_\_\_\_\_  
1% of 50 is .5, so 12% is  $.5 \times 12$  which equals 6. 12% of 50 = 6

- a) 10% of 50 = \_\_\_\_\_  
b) 25% of 300 = \_\_\_\_\_  
c) 90% of 50 = \_\_\_\_\_  
d) 65% of 640 = \_\_\_\_\_  
e) 43% of 13200 = \_\_\_\_\_  
f) 27% of 629 = \_\_\_\_\_

2) Let's say only 6% of our students walk to school. If there are 300 students altogether, how many walk to school?

\_\_\_\_\_

3) Because of bad weather, Spring Fair attendance was down from the year before by 40%. If 1300 people attended last year, how many people attended the year that the weather was bad?

\_\_\_\_\_

4) List the factors of 63

\_\_\_\_\_

5) List all the prime numbers less than 20

\_\_\_\_\_

6) Hayden, Ochre and Angus hold a stall at lunch time. The ratio of pizza to quiche is 2:1.

a) There are 168 pieces of pizza. How many pieces of quiche are there?

\_\_\_\_\_

b) They are also selling watermelon slices. The ratio of watermelon to pizza is 4:1. What is the ratio of watermelon to quiche?

\_\_\_\_\_

7) Sage and Xander are covering their Main Lesson books with gift paper. The book when open measures 48cm x 32cm. The paper covering the book needs to be 2cm larger all the way around.

a) What is the area of paper needed to cover one book?

\_\_\_\_\_

b) The roll of paper is 720mm x 530mm. Is this enough for both books?

\_\_\_\_\_

8) Find the answers:

a)  $53 - 35 =$  \_\_\_\_\_

b)  $35 - 53 =$  \_\_\_\_\_

c)  $75 - 57 =$  \_\_\_\_\_

d)  $57 - 74 =$  \_\_\_\_\_

e)  $834 - 943 =$  \_\_\_\_\_