

1. Express the ratio 12:16 in its simplest form:

Answer; 3:4

2. Divide \$120 in the ratio 2:3

Answer \$48 and \$72

3. the ratio of cats to dogs in a pet shop is 4:7, if there are 28 dogs, how many cats are there?

answer; 16cats

4: if a person earns \$240 for working 8 hours, what is the rate of pay per hour?

Answer, 30/hour

5: are the ratio 6:9 and 8:12 proportional?

Answer: yes

6: if the three shirts cost \$45, how Much would 5 shirts cost at the same rate?

Answer: \$75

7: if 5 pens cost \$10, how much do 12 pens costs?

Answer: \$24

8: A class has 18boys and 12girls, what's the ratio of boys to the total number of students?

Answer: 3:5

9: find 25% of 480.

Answer: 120

10: A jacket is sold for \$150 after a 20%discount, what was the original price?

Answer: \$187.50

11: A salesperson earns a 5% commission on sales. If they sell goods worth \$2,000, how much commission do they earn?

Answer: \$100

12: if 60% of numbers is 180, what is the original number?

Answer: 300

13: find the simplest interest on \$1200 at rate of 5% per annum for 3 years, find the total amount?

Answer: \$180

14. Asum of \$ 2000 is invested at 10% per annum for 3 years compounded annually. Find the total amount?

Answer: \$2,662

15: A loan of \$ 2000 is given for 2 years at rate of 6% per annum, what is the total amount to be repaid at the end of the period?

Answer: \$2,247.20