

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

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

**The ratio of cats to dogs in a pet shop is 4:7. If there are 28 dogs, how many cats are there?**

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

**Are the ratios 6:9 and 8:12 proportional?**

**If 3 shirts cost \$45, how much would 5 shirts cost at the same rate?**

**If 5 pens cost \$10, how much do 12 pens cost?**

**A class has 18 boys and 12 girls. What is the ratio of boys to the total number of students?**

**Find 25% of 480.**

**A jacket is sold for \$150 after a 20% discount. What was the original price?**

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

**If 60% of a number is 180, what is the original number?**

**Find the simple interest on \$1,200 at a rate of 5% per annum for 3 years.**

**A sum of \$2,000 is invested at 10% per annum for 3 years compounded annually. Find the total amount.**



**A loan of \$2,000 is given for 2 years at a rate of 6% per annum. What is the total amount to be repaid at the end of the period?**

