

Assignment Answers.

Express the ratio 12:16 in its simplest form.

?

3:4

Divide \$120 into the ratio 2:3

?

A-48\$

B.72\$

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

16 Cats

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

30\$

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

Is proportional

i

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

The

cost of 5 shirts is \$75.

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

The

cost of 12 pens is \$24.

The class

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

The

ratio is 3:5

Find 25% of 480.

25% of 480 is 120.

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

The

original price was \$187.50.

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

the salesperson earns \$100 commission.

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

The

original number was \$300.

Find

simple

interest on \$1,200 at a rate of 5% per annum for 3 years

?

The

simple interest is \$180.

A sum of \$2,000 is invested at 10% per annum for 3 years compounded annually

Find the total amount

?

The total amount after 3 years will be \$2,662.

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?

the total amount to be repaid at the end of the period is \$2,240.