Assignment

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faculty: accounting &finance.

1.express the ratio 12:16 in it

is simplest form

12:16 is 4

12

/

4=3

simplest form 3:4

16

/

4=

4

2. divide $120 in the ratio 2:3

2+3=5

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

28/7=4

Cats=4x4= 16cats

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

240 for 8hours

240/8= $

30 per hour

5. are the ratios 6:9 and 8:12 proportional?

8:9= 2:3

8:12= 2:3

6. if 3 shirts cost $45, how much would 5 shirts cost at the same rate?

3 shirts = $45

1 shirt = $15

5 shirt

s = 5x15 =$75

7. if 5 pens cost $10, how much do 12pens cost?

5 pens = $10

1 pen = $2

12 pens = 12x2 = $24

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

Boys = 18, Girls = 12

9. Find 25% of 480.

25% of 480 = 480x0.25 = 120

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

$150 after 20% discount

11. A sales person earns a 5% commission on sales. If they sell goods worth $2,000, how much commission do they earn?
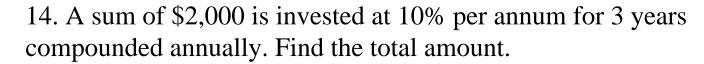
5% of $2,000 =2000 x0.05 =$100

12. if 60% a number is 180, what is the original number?

60% of x =180

X=180/0.6=$300

13. find the simple interest on $1200 at a rate of 5% per annum for 3 years.

P x R x T /100

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

P(1+r/100) t

15. 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?

A =p(1+r/100) t

Prepared by: Bulo m. j.