

Assignment Answers

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Assignment Marks: 30

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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 is 4:7, and there are 28 dogs. How many cats?

Answer: 16 cats

4. If a worker is paid \$240 for 8 hours of work, what is the rate per hour?

Answer: \$30 per hour

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

Answer: Yes, they are proportional

6. If 3 shirts cost \$45, what will 5 shirts cost?

Answer: \$75

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

Answer: \$24

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

Answer: 3:5

9. Find 25% of 480

Answer: 120

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

Answer: \$187.50

11. A salesman earns a 5% commission on a sale of \$2,000. How much does he earn?

Answer: \$100

12. 60% of a number is 180. What is the number?

Answer: 300

13. Calculate the Simple Interest on a principal of \$1,200 at a rate of 5% for 3 years.

Answer: \$180

14. Calculate the Compound Interest on a principal of \$2,000 at a rate of 10% for 3 years.

Answer: \$2662

15. A person borrows \$2,000 at a rate of 6% per annum for 2 years. Find the total amount to be paid (Simple Interest).

Answer: \$2240