## ALPHA UNIVERSITY BORAMA

Assignment of Maur's Meuro	Jus		
Name:	Faculty:	ID:	
Individual Assignment - Total Mark	s: 30		
Submission Date: 05-05-2025			
1. Express the ratio 12:16 in its simp	plest form:		
2. Divide \$120 in the ratio 2:3:			
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3. The ratio of cats to dogs is 4:7. If	there are 28 dogs, ho	ow many cats?	
4. If a person earns \$240 for 8 hours	s what is the rate of r	nav per hour?	
	, r	tan termina	
5 And the region 6.0 and 19.12 and and	w' 10		
5. Are the ratios 6:9 and 8:12 propor	rtional?		
6. If 3 shirts cost \$45, how much wo	ould 5 shirts cost?		
7. If 5 pens cost \$10, how much do	12 pens cost?		
o point of the first	p coor.		
8 A class has 18 hove and 12 girls '	What is the ratio of h	nove to the total number	er of students?

9. Find 25% of 480:
10. A jacket is sold for \$150 after a 20% discount. What was the original price?
11. A salesperson earns a 5% commission on sales. If they sell goods worth \$2,000, how much commission do they earn?
12. If 60% of a number is 180, what is the original number?
13. Find the simple interest on \$1,200 at a rate of 5% per annum for 3 years.
14. A sum of \$2,000 is invested at 10% per annum for 3 years compounded annually. Find the total amount.
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?