

CS-566: Mathematics

Practice Exam

Generated on June 27, 2025

Difficulty: Easy

Important Notes:

- Answer all questions to the best of your ability
 - Show all work for partial credit
 - Use additional paper if needed
 - Time limit: 90 minutes
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1. If a rectangle has a length of 12 centimeters and a width of 5 centimeters, what is its perimeter? Explain how you calculated your answer, showing the formula you used. [20 points]

2. Sarah has 24 apples and wants to share them equally among 6 friends. How many apples will each friend receive? Then, if she decides to bake a pie with 6 of her apples, how many apples will be left for her friends to share? [30 points]

3. What is the value of $35 + 17 - 12 \times 2$? Remember to follow the order of operations (PEMDAS/BODMAS) to arrive at the correct answer. Show your steps. [50 points]