

AA5- group test

Name \_\_\_\_\_ Per \_\_\_\_\_

Group member names \_\_\_\_\_

C-Level (7 points each)

AA5-1 I can simplify a rational expression

$$\frac{x^2 + 5x - 36}{7x^2 + 63x}$$

AA5-2 I can multiply rational expressions

$$\frac{x^2 + 2x - 15}{4x^2 + 16x} \cdot \frac{2x - 12}{x^2 - 9x + 18}$$

AA5-3 I can add and subtract rational expressions

$$\frac{2x^2 + 8x - 12}{x^2 - 9} + \frac{4x^2 - 8x - 42}{x^2 - 9}$$

**B-Level (3 points each)**

$$\frac{3x - 18}{2x^2 - 7x - 30} \cdot \frac{2x^2 - 11x - 40}{3x^2 - 192}$$

$$\frac{4}{x^2 + 5x + 6} + \frac{2x}{x + 2}$$

**A-Level (3 points)**

$$\frac{6x - 4}{3x^2 - 17x + 10} + \frac{-x - 3}{x^2 - 2x - 15}$$