

# DO NOT USE AI FOR THIS EXAM

Math Exam - Write answers on the lines below

1) Solve the following equation:  $2x + 5 = 13$

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2) Calculate the area of a rectangle with sides  
8cm and 12cm

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3) What is 25% of 480? Show your work.

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4) Solve the quadratic equation:  $x^2 - 5x + 6 = 0$

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5) Calculate the volume of a cube with side 5cm

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6) Simplify the following expression:  $3(2x + 4) - 2(x - 1)$

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7) What is the length of the hypotenuse of a  
right triangle with sides 3cm and 4cm?

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8) Solve the system of equations:  $x + y = 10$ ,  $x - y = 2$

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