

## Worksheet: We Distribute Yet Things Multiply

ISC · Class 8 · Mathematics · 5 questions · 13 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 13

**Q1.** Simplify:  $3x(2x + 5)$  [1 mark]

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**Q2.** Expand  $(x + 4)^2$ . [1 mark]

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**Q3.** Multiply  $(3x - 2)(2x + 5)$ . [3 marks]

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**Q4.** Compute  $97^2$  using algebraic identity. [3 marks]

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**Q5.** Factorise: (a)  $x^2 + 9x + 20$  (b)  $25y^2 - 49$  (c)  $4p^2 + 12p + 9$  [5 marks]

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