

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

## Mathematics

### Multiplication Strategies: Box Method

|                                                                               |                                                                                                                                                                |     |    |   |    |     |     |   |     |    |                                                                                                                                  |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|---|----|-----|-----|---|-----|----|----------------------------------------------------------------------------------------------------------------------------------|
| <p>Example:</p> $\begin{array}{r} 48 \\ \times 23 \\ \hline 1104 \end{array}$ | <table border="1"> <tr> <td></td><td>40</td><td>8</td></tr> <tr> <td>20</td><td>800</td><td>160</td></tr> <tr> <td>3</td><td>120</td><td>24</td></tr> </table> |     | 40 | 8 | 20 | 800 | 160 | 3 | 120 | 24 | <p>Partial products</p> $\begin{array}{r} 800 \\ 160 \\ 120 \\ + 24 \\ \hline 1104 \end{array}$ <p>(final product or answer)</p> |
|                                                                               | 40                                                                                                                                                             | 8   |    |   |    |     |     |   |     |    |                                                                                                                                  |
| 20                                                                            | 800                                                                                                                                                            | 160 |    |   |    |     |     |   |     |    |                                                                                                                                  |
| 3                                                                             | 120                                                                                                                                                            | 24  |    |   |    |     |     |   |     |    |                                                                                                                                  |

Work out the answers to these multiplication questions using the box method.

1.  $76 \times 2 =$  \_\_\_\_\_

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |

Answer: \_\_\_\_\_

4.  $902 \times 6 =$  \_\_\_\_\_

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |

Answer: \_\_\_\_\_

2.  $46 \times 73 =$  \_\_\_\_\_

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |

Answer: \_\_\_\_\_

5.  $38 \times 56 =$  \_\_\_\_\_

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |

Answer: \_\_\_\_\_

3.  $547 \times 19 =$  \_\_\_\_\_

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Answer: \_\_\_\_\_

6.  $325 \times 43 =$  \_\_\_\_\_

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Answer: \_\_\_\_\_