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**A2 Therapy Test**

**A2 AEXS M3a**

**Can understand the use of brackets and the order of operations**

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**A2 AEXS M3a Can understand the use of brackets and the order of operations**

**Q1**

Match each expression to the correct answer.

|  |  |  |  |
| --- | --- | --- | --- |
| 7 x 9 + 2 | (6 - 3) x 4 | (7 - 3)2 ÷ 2 | (31 - 22) x (6+4) |

|  |  |  |  |
| --- | --- | --- | --- |
| 8 | 12 | 65 | 90 |

**Q2**

Jamie had 8 boxes with 7 books in each.

He added nine more books to each box.

**Circle** the calculation below that shows the correct working out.

8 x (9 + 7) = 128

8 × 9 + 7 = 79

8 × 9 + 7 = 128

**Q3**

Jess looks at a calculation.

40 + (20 ÷ 10) =

Jess says, “You don’t need the brackets in this calculation.”

Explain why Jess is **correct**.

**Answers**

**Q1**

|  |  |  |  |
| --- | --- | --- | --- |
| 7 x 9 + 2 | (6-3) x 4 | (7 – 3)2 ÷ 2 | (31 – 22) x (6+4) |

|  |  |  |  |
| --- | --- | --- | --- |
| 8 | 12 | 65 | 90 |

**Q2**

8 x (9 + 7) = 128

**Q3**

An explanation that shows the division should be completed before the addition regardless of the brackets.