

Stage 6

Topic: Laws of Arithmetic and Order of Operations

Instructions: Answer all questions. Each question is worth 1 mark. Write your answers in the spaces provided.

1. $7 \times 301 = 7 \times 300 + 7 \times \underline{\hspace{2cm}}$

2. $5 \times 39 \times 2 = 5 \times 2 \times \underline{\hspace{2cm}}$

3. $17 + 46 + 4 = 17 + (46 + \underline{\hspace{2cm}})$

4. $(20 - 5) \div 5 = \underline{\hspace{2cm}}$

5. Use the distributive law to simplify.

$$19 \times 7 + 19 \times 3 = 19 \times \underline{\hspace{2cm}}$$

6. $56 - 5 - 4 = 56 - \underline{\hspace{2cm}}$

7. Write the calculation with brackets so that it equals 50.

$$1 + 9 \times 5 = 50$$

Answer: $\underline{\hspace{2cm}} = 50$

8. Use the commutative law to simplify.

$$4 \times 27 \times 25 = 100 \times \underline{\hspace{2cm}}$$

9. Use 2, 3 and 4 once each to make 14.

Answer: $\underline{\hspace{2cm}} = 14$

10. Insert one pair of brackets to make the calculation correct.

$$10 - 3 \times 2 + 1 = 15$$

Answer: $\underline{\hspace{2cm}} = 15$