# Multiplication and division - topic test

Name: _____ Date: _____

12 questions | 22 marks | 30 minutes

Recall facts, show strategies and solve equal-group problems. Explain the meaning of remainders.

No calculator needed.

**1.** Find 8 × 7. [1 mark]

**2.** Find 63 ÷ 9. [1 mark]

**3.** Find 46 × 10. [1 mark]

**4.** Find 3,500 ÷ 100. [1 mark]

**5.** Use 5 × 9 = 45 to find 6 × 9. [2 marks]

**6.** Write both division facts related to 6 × 8 = 48. [2 marks]

**7.** Calculate 27 × 4. Show your working. [2 marks]

**8.** Calculate 192 ÷ 6. Show useful parts. [2 marks]

**9.** Put 98 marbles into full bags of 6. How many full bags can be made, and how many marbles remain? [2 marks]

**10.** Use compensation to calculate 29 × 6. [2 marks]

**11.** Which method is correct for 45 × 8? Explain, then calculate. [3 marks]

Two proposed methods

| Method | New calculation |
|---|---|
| A | 90 × 16 |
| B | 90 × 4 |

**12.** A class needs 144 pencils. Pencils come in packs of 8. The class already has 5 full packs. How many more packs are needed? [3 marks]