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 $63 \div 9$. [1 mark]

3. Find 46×10. [1 mark]

4. Find $3{,}500 \div 100$. [1 mark]

5. Use $5 \times 9 = 45$ to find 6×9. [2 marks]

6. Write both division facts related to $6 \times 8 = 48$. [2 marks]

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

8. Calculate $192 \div 6$. 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]