

Mental Calculation



Multiplication – Breaking Up Numbers

STRATEGY

$$\begin{aligned}
 128 \times 9 &= (100 \times 9) + (20 \times 9) + (8 \times 9) && \text{[break up the multiplicand, 128,} \\
 & && \text{into 100, 20 and 8]} \\
 &= 900 + 180 + 72 && \text{[add the products]} \\
 &= 1152
 \end{aligned}$$

Do these multiplication mentally.

1 $462 \times 7 =$

6 $337 \times 8 =$

2 $907 \times 4 =$

7 $628 \times 5 =$

3 $142 \times 3 =$

8 $389 \times 6 =$

4 $273 \times 9 =$

9 $854 \times 7 =$

5 $531 \times 7 =$

10 $960 \times 2 =$

Answers: 6 2696 7 3140 8 2334 9 5978 10 1920
1 3234 2 3628 3 426 4 2457 5 3717

Adapted:

Mental Mathematics Book 3

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