Multiples/powers of ten

6 questions | 7 marks

Equivalent correct methods earn the corresponding marks.

1. Find 28×10. [1 mark]

Two tens become two hundreds; eight ones become eight tens.

Answer: 280.

2. Find 63×100. [1 mark]

$63 \times 10 = 630$, then $630 \times 10 = 6{,}300$.

Answer: 6,300.

3. Find $5{,}600 \div 100$. [1 mark]

$56 \times 100 = 5{,}600$.

Answer: 56.

4. Find 7×80. [1 mark]

$7 \times 8 = 56$; $56 \text{ tens} = 560$.

Answer: 560.

5. A carton holds 100 cards. How many cards are in 24 cartons? [1 mark]

$24 \times 100 = 2{,}400$.

Answer: 2,400 cards.

6. A learner says $9 \times 300 = 270$. Explain and correct the place-value error. [2 marks]

$9 \times 3 = 27$, but these are hundreds, not tens.

$27 \text{ hundreds} = 2{,}700$.

Answer: $9 \times 300 = 2{,}700$.