

## Multiplying by a single digit

The understanding tested and common errors are noted for each question, with a link provided to relevant support material.

Always check the digits in the question have been copied correctly.

Mistakes with multiplication facts may be common. A [multiplication square](#) can be used by the pupil, to rule these out and focus on the method.

- 1)  $23 \times 3 = 69$
- 2)  $17 \times 4 = 68$  *Carrying digits.*
- 3)  $83 \times 3 = 249$  *Carrying a final digit.*
- 4)  $6 \times 16 = 96$  *Carrying digits, commutativity.*
- 5)  $76 \times 8 = 608$  *Carrying digits, carrying a final digit, calculating with zero.*
- 6)  $302 \times 4 = 1,208$  *Calculating with zero, carrying a final digit.*
- 7)  $428 \times 5 = 2,140$  *Carrying digits, carrying a final digit.*
- 8)  $3 \times 203 = 609$  *Commutativity, calculating with zero.*
- 9)  $6 \times 154 = 924$  *Carrying digits, commutativity.*
- 10)  $783 \times 7 = 5,481$  *Carrying digits, carrying a final digit.*

### Understanding tested

Calculating with zero  
Carrying digits  
Carrying a final digit  
Commutativity

### Question numbers

5, 6, 8  
2, 4, 5, 7, 9, 10  
3, 5, 6, 7, 10  
4, 8, 9