

## Red Challenge ANSWERS

Can I multiply a 2 digit number by a 1 digit number?

### Learning steps

- 1) Partition the 2d number
- 2) Write out the two questions
- 3) Times the tens
- 4) Times the ones
- 5) Add the answers to find the total

1.

$$\begin{array}{r} 2 \times 32 = \\ \swarrow \quad \searrow \\ 2 \times 30 \quad 2 \times 2 \\ \hline 60 \quad + \quad 4 \quad = \quad 64 \end{array}$$

2.

$$\begin{array}{r} 2 \times 25 = \\ \swarrow \quad \searrow \\ 2 \times 20 \quad 2 \times 5 \\ \hline 40 \quad + \quad 10 \quad = \quad 50 \end{array}$$

3.

$$\begin{array}{r} 5 \times 26 = \\ \swarrow \quad \searrow \\ 5 \times 20 \quad 5 \times 6 \\ \hline 100 \quad + \quad 30 \quad = \quad 130 \end{array}$$

4.

$$\begin{array}{r} 5 \times 46 = \\ \swarrow \quad \searrow \\ 5 \times 40 \quad 5 \times 6 \\ \hline 200 \quad + \quad 30 \quad = \quad 230 \end{array}$$

5.  $2 \times 27 = 54$

6.  $5 \times 14 = 70$

## Yellow Challenge ANSWERS

Can I multiply a 2 digit number by a 1 digit number?

### Learning steps

- 1) Partition the 2d number
- 2) Write out the two questions
- 3) Times the tens
- 4) Times the ones
- 5) Add the answers to find the total

$$1) 2 \times 85 = 170$$

$$2) 5 \times 34 = 170$$

$$3) 3 \times 43 = 129$$

$$4) 3 \times 67 = 201$$

$$5) 4 \times 46 = 184$$

$$6) 4 \times 73 = 292$$

## Green Challenge ANSWERS

**Can I multiply a 2 digit number by a 1 digit number?**

### Learning steps

- 1) Partition the 2d number
- 2) Write out the two questions
- 3) Times the tens
- 4) Times the ones
- 5) Add the answers to find the total

$$1) 5 \times 36 = 180$$

$$2) 93 \times 8 = 744$$

$$3) 8 \times 75 = 600$$

$$4) 4 \times 69 = 276$$

$$5) 37 \times 4 = 148$$

$$6) 6 \times 54 = 324$$

$$7) 39 \times 4 = 156$$