Multiplication by 1-digit Number (Without Carrying)

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We multiply a number by a single digit number (1 to 9). Without carrying means the answer is a one-digit or two-digit number only. We do simple multiplication just like in tables. No need to carry any number to the next place.

How to Multiply

- Write the number.
- Multiply each digit by the 1-digit number.
- Add the results if needed (no carrying).

Examples with Solutions

i. 12 × 2

 $2 \times 2 = 4$, $2 \times 1 = 2$ (in tens place)

Answer: 24

ii. Q: 31 × 3

 $1 \times 3 = 3$, $3 \times 3 = 9$ (in tens place)

Answer: 93

iii. 44 × 2

 $4 \times 2 = 8$, $4 \times 2 = 8$ (in tens place)

Answer: 88

iv. 23 × 1

 $3 \times 1 = 3$, $2 \times 1 = 2$ (in tens place)

Answer: 23

v. 15 × 4

 $5 \times 4 = 20$ (but no carrying needed as it's just 2 digits), $1 \times 4 = 4$

Answer: 60

Summary Points

• Multiply numbers with a 1-digit number.

- No carrying means the answer is simple and neat.
- Use table knowledge to multiply.
- Multiply each digit place by place.
- Practice helps to become fast and correct.