

Spacesaver calculations: dividing by one-digit numbers - answers

You used the spacesaver division method to calculate the answers to these questions, dividing by one-digit numbers.

1.
$$\begin{array}{r} 658 \\ 4 \overline{) 226232} \end{array}$$

Step 1: 4 into 2 won't go, so carry 2.
Step 2: 4 into 26 goes 6 times ($4 \times 6 = 24$). Carry 2.
Step 3: 4 into 23 goes 5 times ($4 \times 5 = 20$). Carry 3.
Step 4: 4 into 32 goes exactly 8 times ($4 \times 8 = 32$).

2.
$$\begin{array}{r} 598 \\ 6 \overline{) 33588} \end{array}$$

Step 1: into 3, won't go, so carry 3.
Step 2: 6 into 35 goes 5 times ($6 \times 5 = 30$). Carry 5.
Step 3: 6 into 58 goes 9 times ($6 \times 9 = 54$). Carry 4.
Step 4: 6 into 48 goes exactly 8 times ($6 \times 8 = 48$).

3.
$$\begin{array}{r} 4797 \\ 5 \overline{) 2239485} \end{array}$$

Step 1: 5 into 2, won't go, so carry 2.
Step 2: 5 into 23 goes 4 times ($5 \times 4 = 20$). Carry 3.
Step 3: 5 into 39 goes 7 times ($5 \times 7 = 35$). Carry 4.
Step 4: 5 into 48 goes 9 times ($5 \times 9 = 45$). Carry 3.
Step 5: 5 into 35 goes exactly 7 times ($5 \times 7 = 35$).

4.
$$\begin{array}{r} 2998 \\ 8 \overline{) 2237984} \end{array}$$

Step 1: 8 into 2 won't go, so carry 2.
Step 2: 8 into 23 goes 2 times ($8 \times 2 = 16$). Carry 2.
Step 3: 8 into 79 goes 9 times ($8 \times 9 = 72$). Carry 7.
Step 4: 8 into 78 goes 9 times ($8 \times 9 = 72$). Carry 6.
Step 5: 8 into 35 goes exactly 7 times, ($8 \times 8 = 64$).

5.
$$\begin{array}{r} 6429 \\ 9 \overline{) 5573861} \end{array}$$

Step 1: 9 into 5, won't go, so carry 5.
Step 2: 9 into 57 goes 6 times ($9 \times 6 = 54$). Carry 3.
Step 3: 9 into 38 goes 4 times ($9 \times 4 = 36$). Carry 2.
Step 4: 9 into 26 goes 2 times ($9 \times 2 = 18$). Carry 8.
Step 5: 9 into 81 goes exactly 9 times ($9 \times 9 = 81$).