

Multiplying and dividing

Work out these multiplications and divisions.
Estimate each answer before you work it out.

1
$$\begin{array}{r} 819 \\ \times 4 \\ \hline \end{array}$$

2
$$\begin{array}{r} 928 \\ \times 3 \\ \hline \end{array}$$

3
$$4 \overline{)856}$$

4
$$\begin{array}{r} 9318 \\ \times 4 \\ \hline \end{array}$$

5
$$3 \overline{)381}$$



6
$$6 \overline{)690}$$

7
$$\begin{array}{r} 7724 \\ \times 3 \\ \hline \end{array}$$

8
$$\begin{array}{r} 4602 \\ \times 5 \\ \hline \end{array}$$

9
$$5 \overline{)195}$$

10
$$8 \overline{)496}$$



Check two divisions using multiplication.



I am confident with multiplying and dividing 3-digit numbers by 1-digit numbers.

Solve these word problems.

- How many horse-shoes are needed to shoe all the legs of 723 horses?
- Four boys in the Smith family are given £636 to share equally between them. How much does each boy get?

- How many tins of spaghetti are there in 516 packs of 4 tins?



- For a pancake recipe Kasim uses 215 g of flour per person. How many grams of flour does he need to make pancakes for 8 people?
- At a school sports day some oranges are cut into quarters for the pupils. If there are 324 oranges how many quarters are there?
- Maisy and Wilf are saving up to go to America. Maisy puts £96 into savings each month and Wilf puts £243 into savings each month. How much money do they have after six months?
- Lauren pays 6p per minute for phonecalls plus a monthly charge of £32. During January she makes 1216 minutes of calls. How much does she pay in total?

- Farmer Jack plants 144 cabbages into six equal rows. A week later he notices that 8 of the cabbages in one row have died. How many cabbages are left in that row?



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