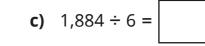
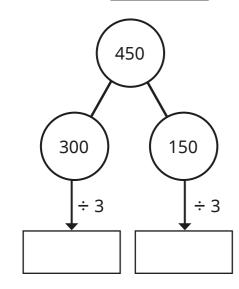
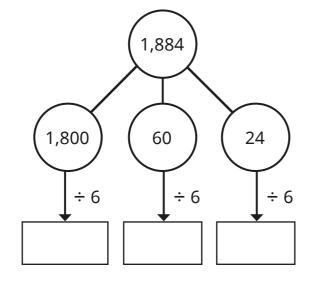
Solve problems with division

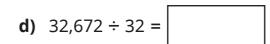


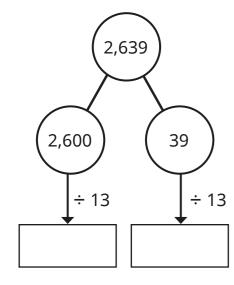
1 Use the part-whole models to help work out the divisions.

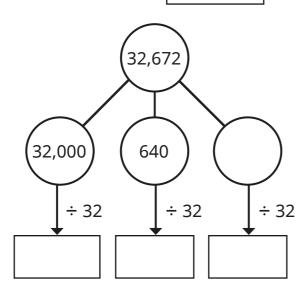




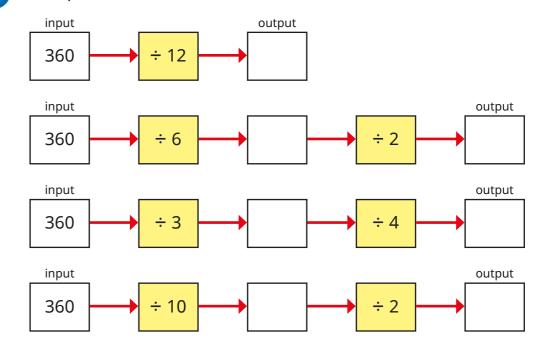








Complete the function machines.



What do you notice?

3 Sort the divisions into the table.

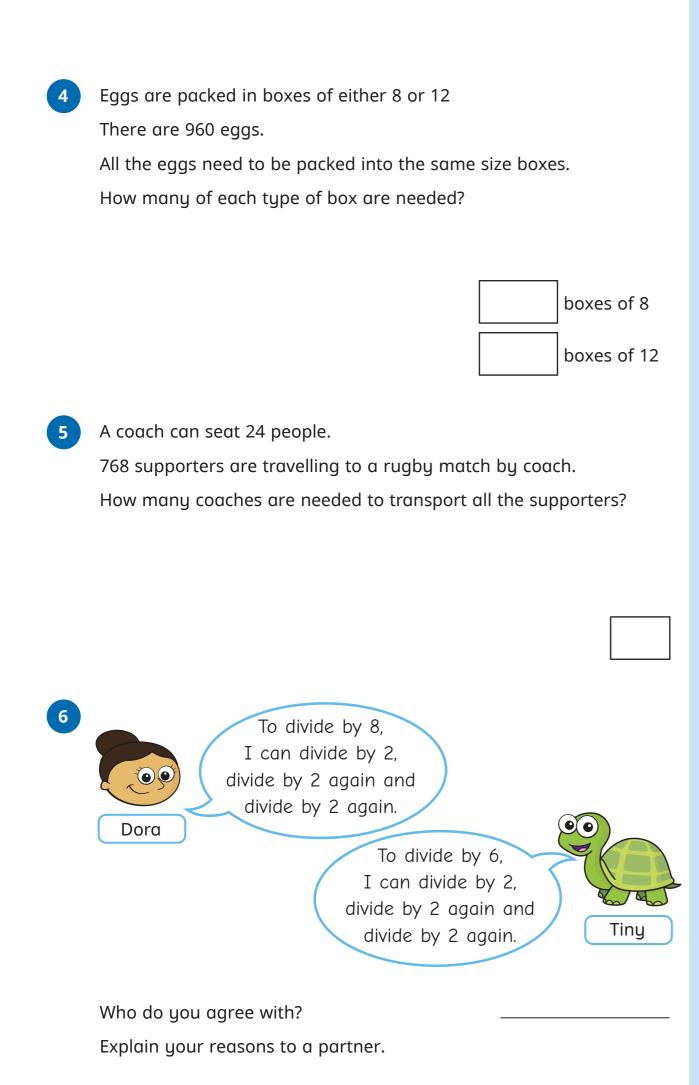
984 ÷ 4	2,815 ÷ 4	68,000 ÷ 21
6,493 ÷ 6	68,000 ÷ 20	21,000,000 ÷ 7

Solve with mental strategy	Solve with written method

Compare answers with a partner.

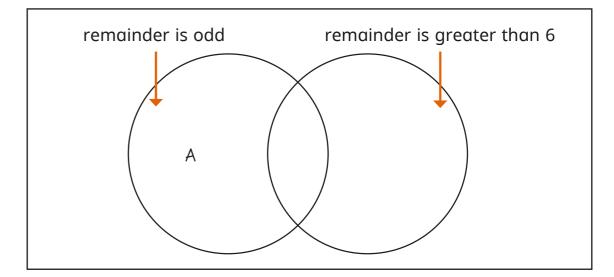
Work out the answer to each division using your chosen method.





7 Label the sorting diagram with the divisions.

The first one has been done for you.



8



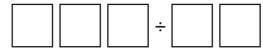
2

3

4

5

Use each digit card once to complete the division in different ways.



Experiment to find divisions that give:

- a) the smallest possible remainder
- **b)** the greatest possible remainder
- c) a remainder that is a multiple of 5

Compare answers with a partner.



