Long division (4)
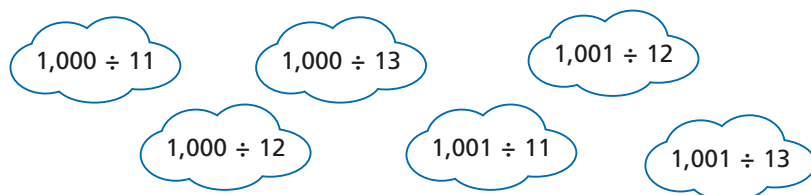
1 Complete the divisions.

a) 2,500 ÷ 18

b) 5,000 ÷ 18

c) 7,500 ÷ 18

d) 7,500 ÷ 36

2 a) Predict which of these divisions will have the greatest remainder.

1,000 ÷ 11   1,000 ÷ 13   1,001 ÷ 12

1,000 ÷ 12   1,001 ÷ 11   1,001 ÷ 13

Talk about your predictions with a partner.

b) Complete the divisions from part a), and check if your predictions were correct.
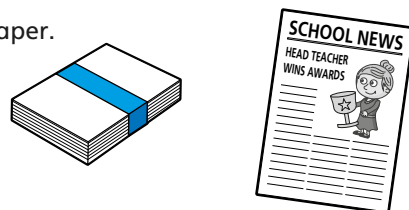
3 Ms Smith is printing the school newspaper.

Each newspaper has 32 pages.

Paper comes in packets of 250 sheets.

How many newspapers can Ms Smith print with the following numbers of packets?

a) 1 packet

b) 2 packets

c) 4 packets

d) 10 packets

4 8,200 lorries need to travel across the Channel from Dover to Calais. The ferry can transport 79 lorries in one journey.

How many journeys will it take to transport all 8,200 lorries?

5 9,890 ÷ ⭐ = 99 r89

What is the value of ⭐ ?