Long division with remainders

1 Complete the number track with the multiples of 15

15									

Use the multiples of 15 to complete the divisions.

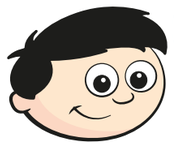
	15	7	6	0

	15	1	6	3

	15	9	4	6

	15	7	4	0

2



I am trying to complete this using long division, but it doesn't seem to help.

	0	0	
15	1	3	6
	1	3	6

Look at Dexter's working.

What problem is he facing? Talk about it with a partner.

3 Work out the divisions.

a) 764 ÷ 14

b) 1,840 ÷ 18

4 A school has 380 pupils, 24 staff and 9 governors.

Everyone is invited to a special meal.

Each table seats 12 people.

a) How many tables are needed?

b) How did you work this out?

Did you use the same method as your partner?

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5 Tommy needs to buy 650 balloons for a festival.

Party Supplies



Fun Stores



How much would it cost to buy the balloons from each shop?

Party Supplies:

Fun Stores:

6 Ms Lee is printing the school newspaper.

Each newspaper needs 32 sheets of paper.

Paper comes in packets of 250 sheets.

How many newspapers can Ms Lee print with 10 packets of paper?



7 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?

8 9,890 ÷ ★ = 99 r89

▲ ÷ ★ = 328 r88

a) What is the value of ★?

★ =

b) What is the value of ▲?

▲ =

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