Long division (3)

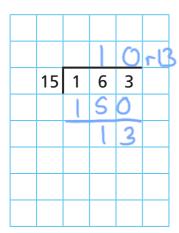


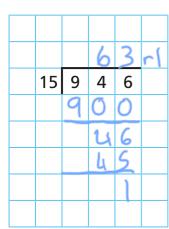
Complete the number track with the multiples of 15

				_					
15	30	45	60	75	90	105	120	135	150

Use the multiples of 15 to complete the divisions.

		5	0	r((
15	7	6	0	
	7	5	0	
		١	0	











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

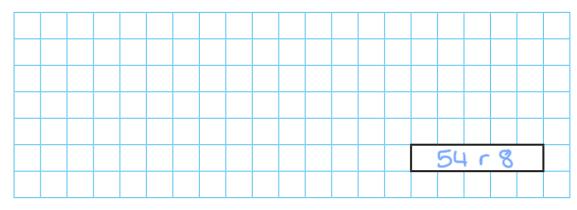
	0	0	
15	1	¹ 3	¹³ 6

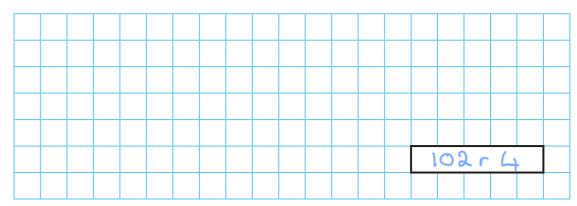
Look at Dexter's working.

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



Work out the divisions.







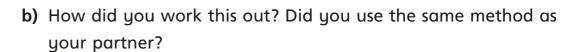
A school has 380 pupils, 24 staff and 9 governors.

Everyone is invited to a special meal.

Each table seats 12 people.

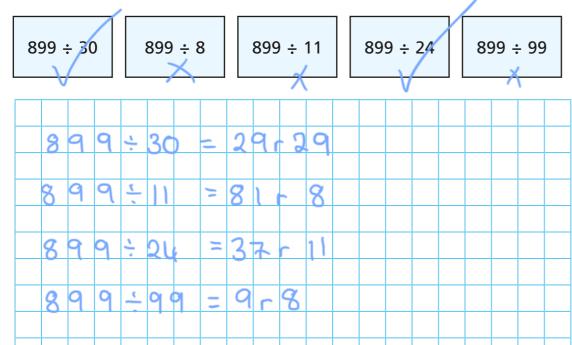
a) How many tables are needed?







Tick the calculation cards that leave a remainder greater than 10



Tommy needs to buy 650 balloons for a festival.

Party Supplies

Fun Stores



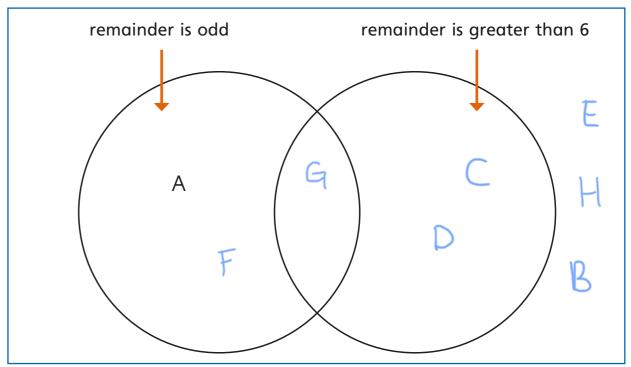


How much would it cost to buy the balloons from each shop?

Party Supplies: £52.80

Fun Stores: \ \(\frac{1}{2} \) 56

Label the sorting diagram with the divisions. The first one has been done for you.















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 largest remainder
- c) a remainder that is a multiple of 5

Talk about your answers with a partner.



