

- 1 Complete the number track with the multiples of 15

15									
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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

Look at Dexter's working.

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

3

Work out the divisions.

- a) $764 \div 14$
b) $1,840 \div 18$

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?

5

Which of these calculation cards leave a remainder greater than 10?

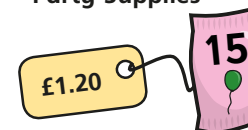
$899 \div 30$	$899 \div 8$	$899 \div 11$	$899 \div 24$	$899 \div 99$
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6

Tommy needs to buy 650 balloons for a festival.

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

Party Supplies

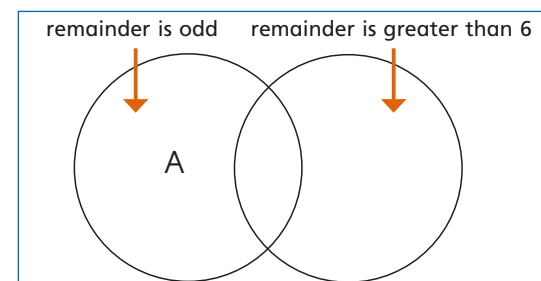


Fun Stores



7

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



- A $901 \div 16$ C $910 \div 16$ E $901 \div 17$ G $910 \div 17$
B $902 \div 16$ D $920 \div 16$ F $902 \div 17$ H $920 \div 17$

8

1	2	3	4	5
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Use each digit card once to complete the division in different ways.

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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.