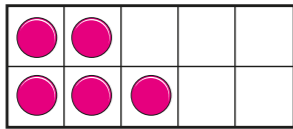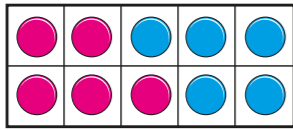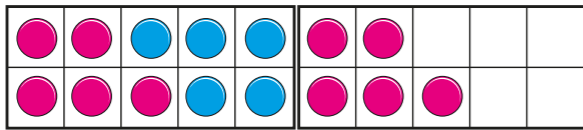# Multiples

1 What numbers are represented?
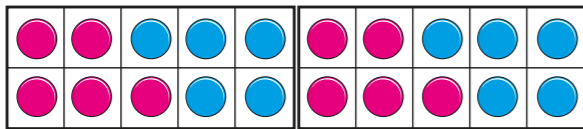

5

10

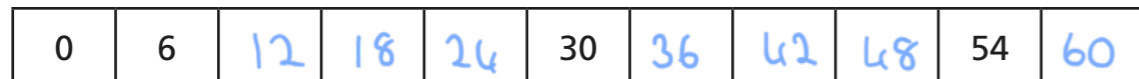

15

20

Complete the sentence.

These numbers are all ___multiples___ of 5

2 Complete the number track.

| 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |

3 **a)** List all the multiples of 2 up to 20

2, 4, 6, 8, 10, 12, 14, 16, 18, 20

b) List all the multiples of 4 up to 20

4, 8, 12, 16, 20

c) What do you notice about the multiples of 2 and 4?

d) Is the number 47 a multiple of 4? __No__

Explain how you know.

All multiples of 4 are even.

4 **a)** Circle all the multiples of 3

23   ⑥   13   ⑱   ㉑   32

b) The table shows four more multiples of 3

Multiple of 3	75	126	432	9,735
Sum of the digits	12	9	9	24

What do you notice about the sum of the digits in each number?

They are multiples of 3

5 Multiples of 5 always have a 5 in the number.

Is the statement true or false? _false_

Explain your answer.

10 is a multiple of 5 and doesn't have a 5 in the number.

6 Which number is the odd one out?

Tick your answer.

Various answers e.g.

| 8 | 56 | 6 ✓ | 16 |

Explain to a partner why it is the odd one out.

7 Here is part of a hundred square.

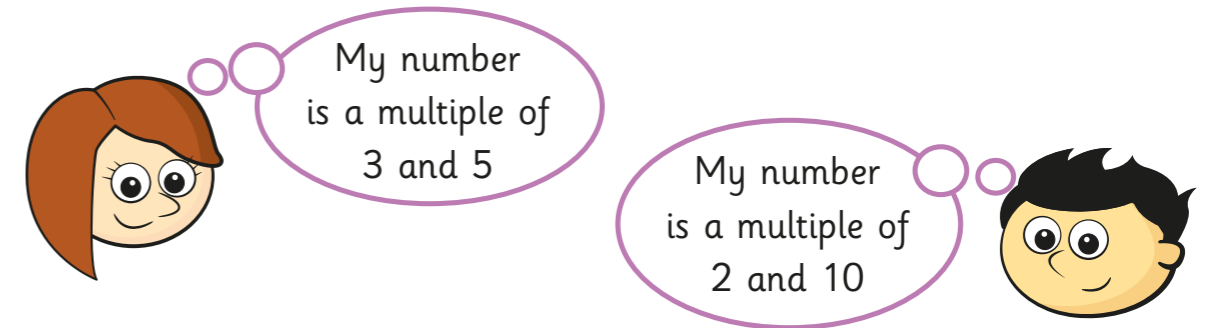| 11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

a) Colour the multiples of 3

b) Draw a circle around all the multiples of 2

c) Some numbers have been coloured **and** circled.

What do you notice about these numbers?

8 Rosie and Jack are each thinking of a number.

My number is a multiple of 3 and 5

My number is a multiple of 2 and 10

Could they be thinking of the same number? _Yes_

Explain your answer.

They could be thinking of 30, 60 etc.

9 Scott's age is a multiple of 8 and 12

His age is one away from a multiple of 7

He is younger than 50 years old.

How old is Scott?

48

10 Write the multiples of 15 between 250 and 350

255   270   285   300   315   330   345

Compare answers with a partner to make sure you have them all.