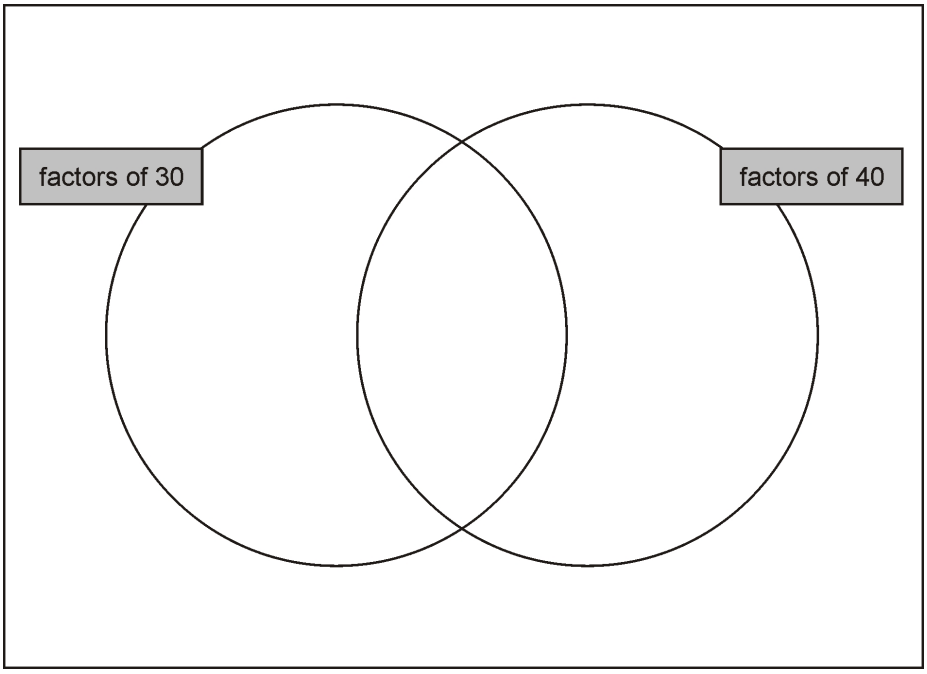
1 Write these numbers in the correct places on the diagram.

5 **6** **7** **8**



2 marks

2 Tick the numbers that are common factors of both **12 and 18**

2 ☐

3 ☐

6 ☐

9 ☐

12 ☐

2 marks

3 Write three factors of 30 that are **not** factors of 15

2 marks

4 Here are six digit cards.

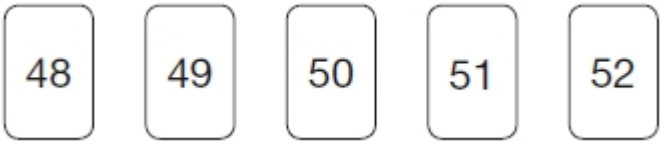
Use **all six** digit cards to make three multiples of 3

1 mark

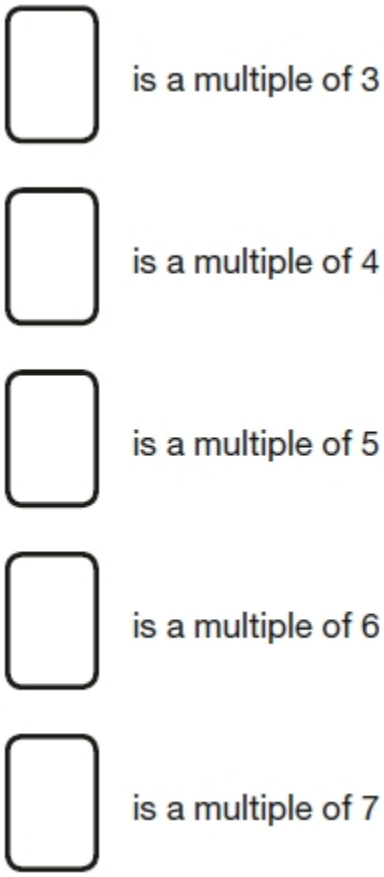
5 Write **all** the common multiples of 3 and 8 that are **less than 50**

1 mark

6 Here are five number cards.



Use each card **once** to make every statement below correct.



2 marks

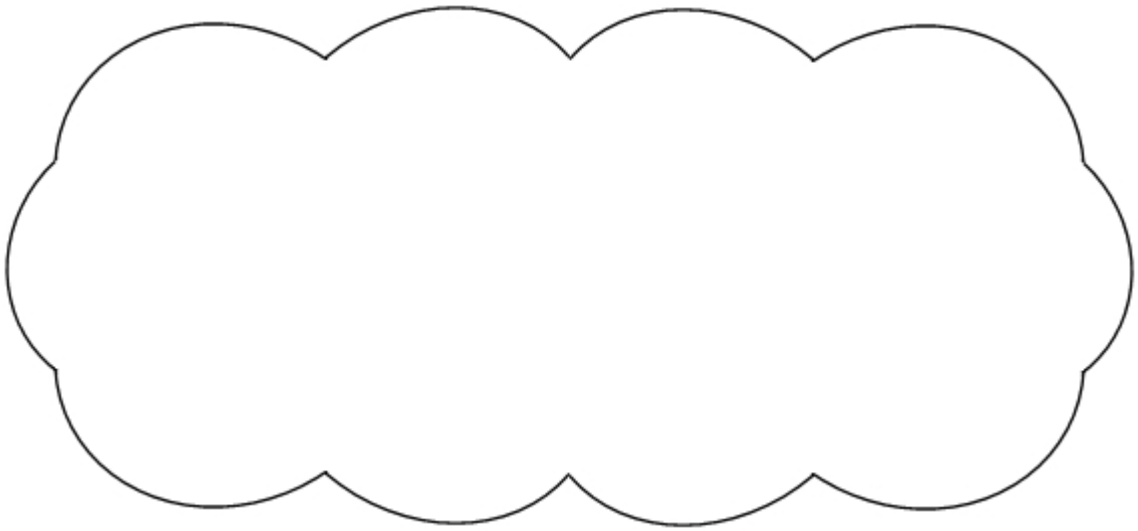
7 Amir says,

'All numbers that end in a 4 are multiples of 4'.

Is he correct?

Circle **Yes** or **No**. Yes / No

Explain how you know.



1 mark

8 Here is a number chart.

Circle the **smallest** number on the chart that is a multiple of **both** 2 and 7

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1 mark

Here is the same number chart.

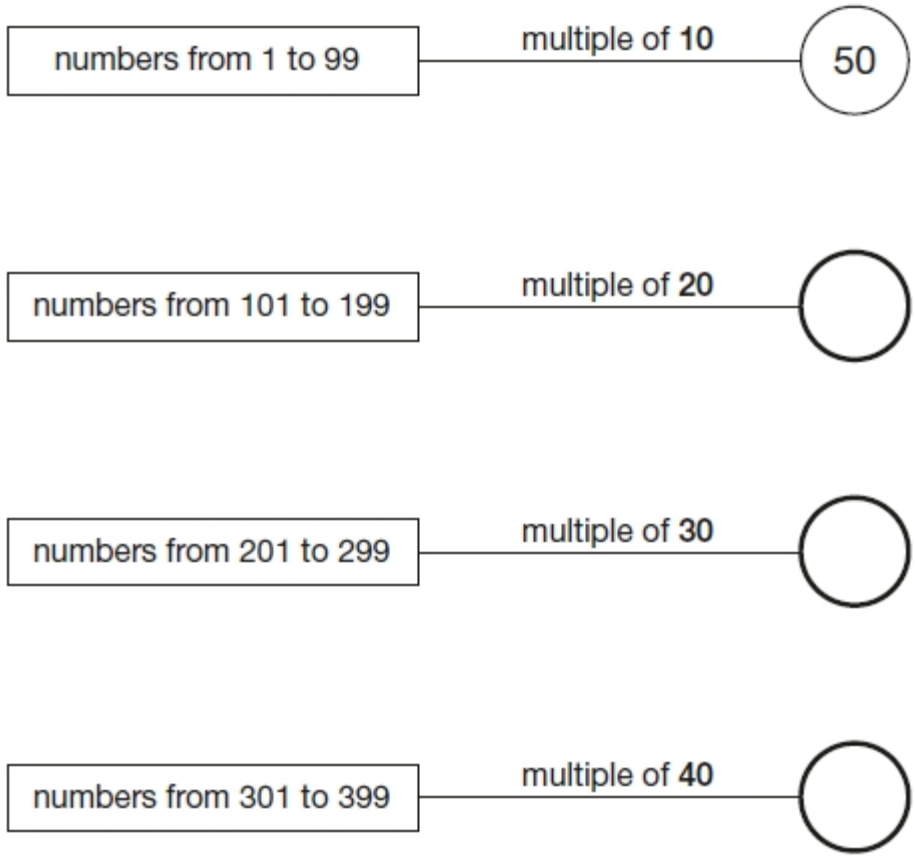
Circle the **largest** number that is **not** a multiple of 2 or 3 or 5

71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1 mark

9 In the circles, write a multiple that belongs to each set.

One has been done for you.

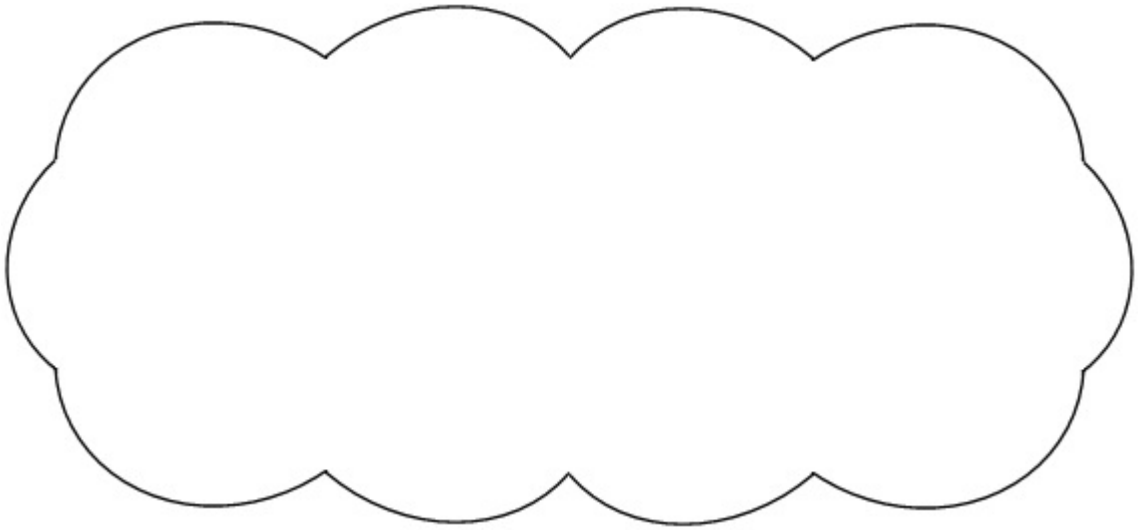


2 marks

10 Circle the **prime** number.

95 89 87

Explain how you know the other numbers are **not** prime.



1 mark

11 Circle **all** the **prime factors** of 30

2 3 5 6 10

1 mark

12 Here are three digit cards

Choose two cards each time to make the following two-digit numbers.

The first one is done for you.

an even number 

an prime number 

a common factor of 60 and 90 

a common multiple of 5 and 13 

2 marks