

1. Here is a sorting diagram for numbers.

Write a number **less than 100** in each space.



	even	not even
a square number		
not a square number		

2. Find two **square numbers** that total 45



+

=

45

3. Circle the **two** prime numbers.



29

39

49

59

69

4. Write **all** the numbers between 50 and 100 that are **factors of 180**



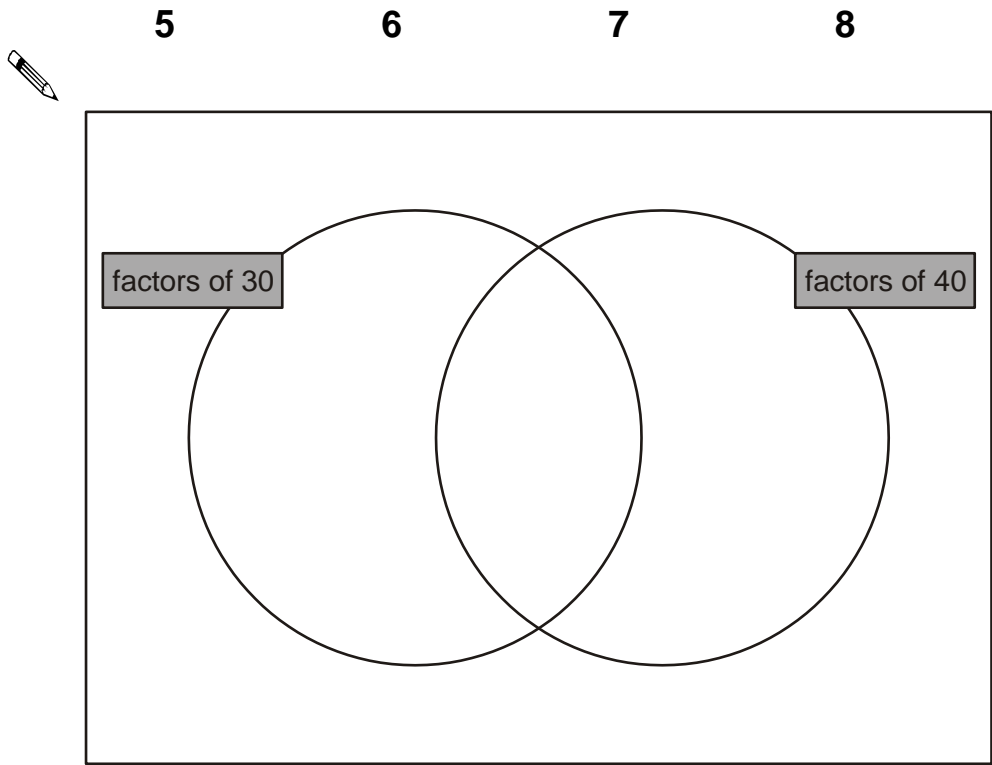
.....

5. Write all the factors of 30 which are **also** factors of 20




.....

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



7. 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

Here is the same number chart.

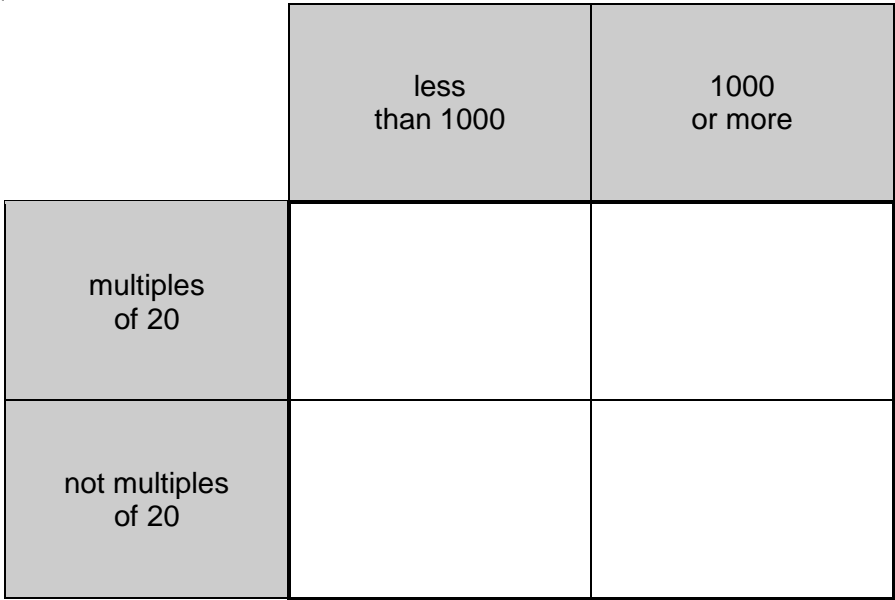
Circle the **largest** number that is **not** a multiple of 2 or 3 or 5



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

8. Here is a diagram for sorting numbers.

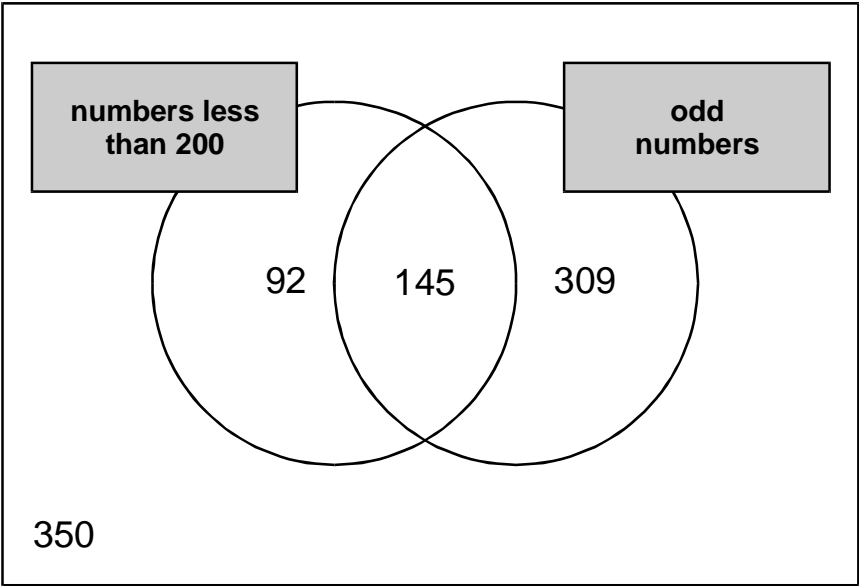
Write **one number** in each white section of the diagram.



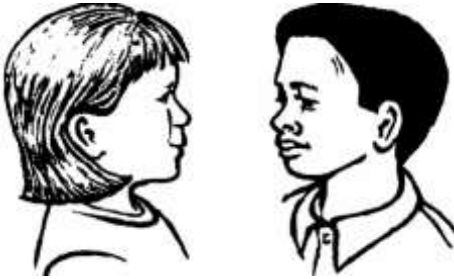
9. Write these numbers in the correct places on the Venn diagram.

Some numbers are already placed.

99                      170                      221



**What's my number?**



Is it under 20?                      Yes

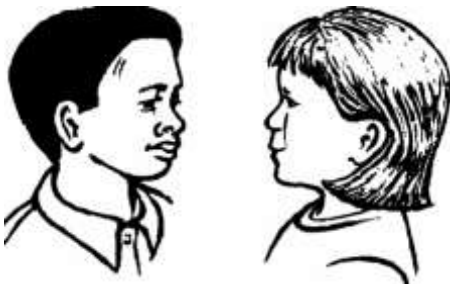
Is it a multiple of 3?              Yes

Is it a multiple of 5?              Yes

What is the number?



They play the game again.



Is it under 20?                      No

Is it under 25?                      Yes

Is it odd?                              Yes

Is it a prime number?              Yes

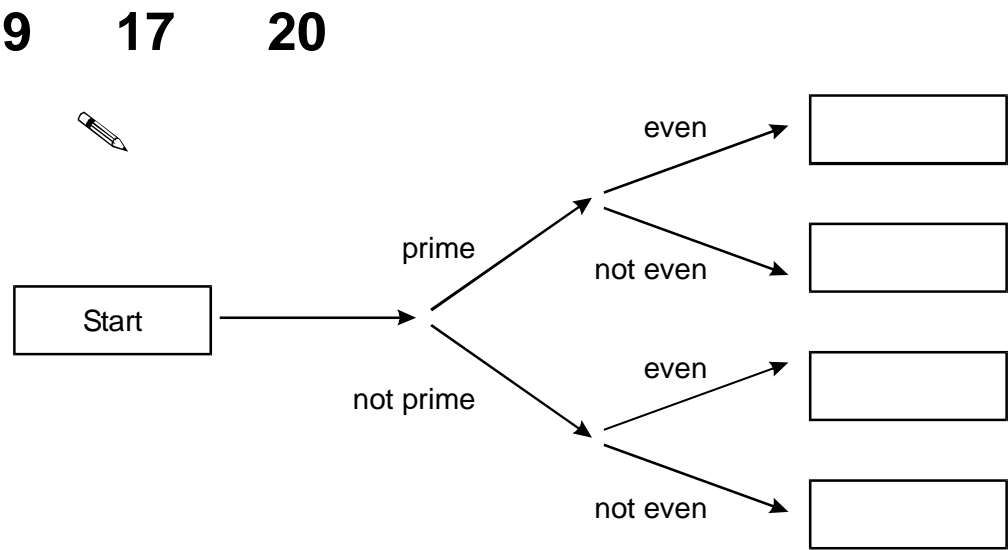
What is the number?



11. Here is a diagram for sorting numbers.

Write these three numbers in the correct boxes.

You may not need to use all of the boxes.



12. Here are four labels.

even

multiples of 9

not even

not multiples of 9

Write each label in the correct position on the sorting diagram below.

