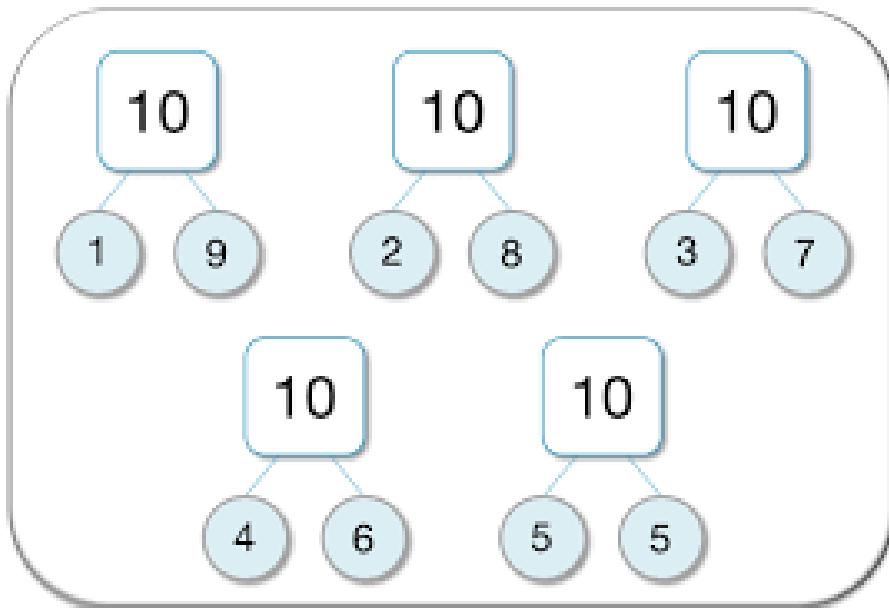


Date: _____

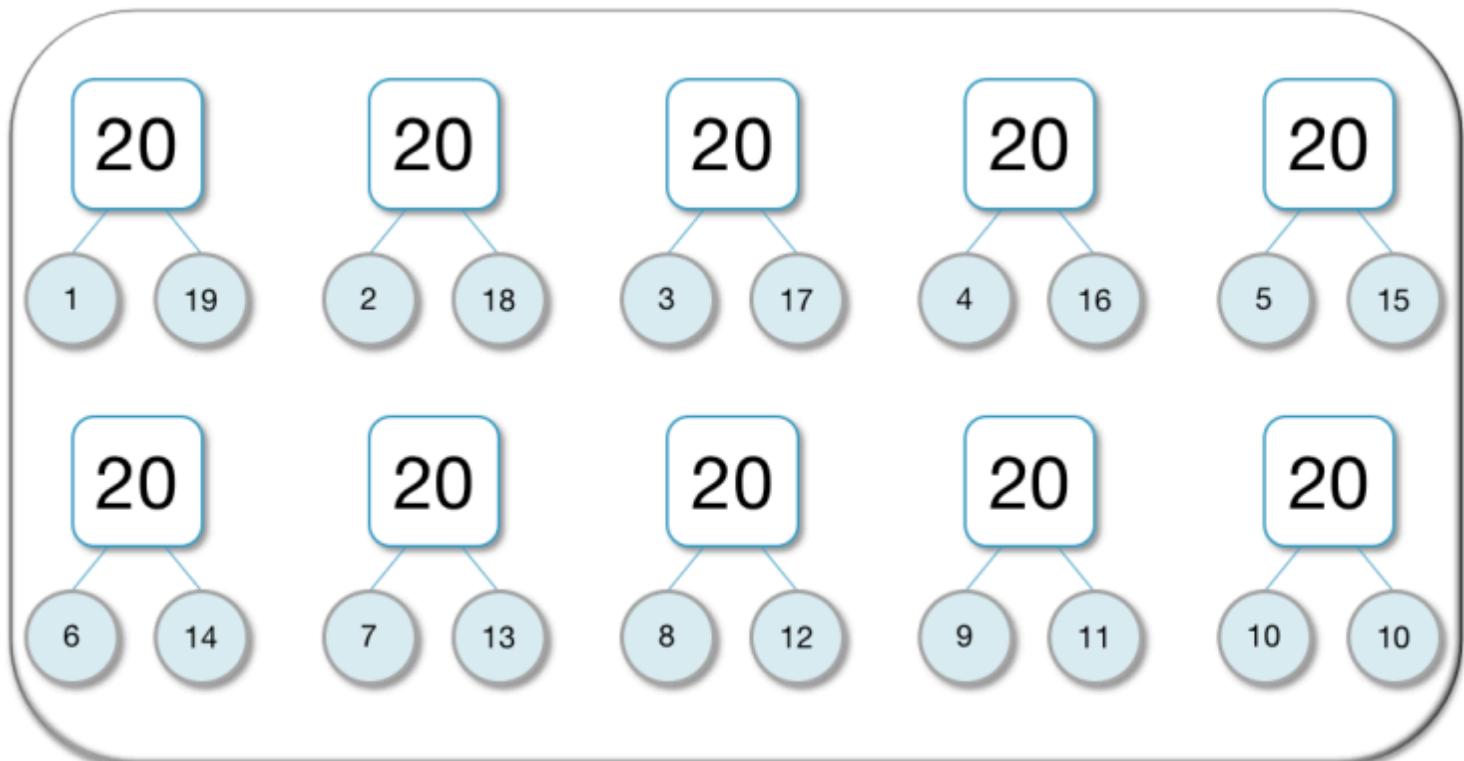
W.S.(3.B.1) : Use complements of numbers

Objective: use the complements of 10,20 and 100

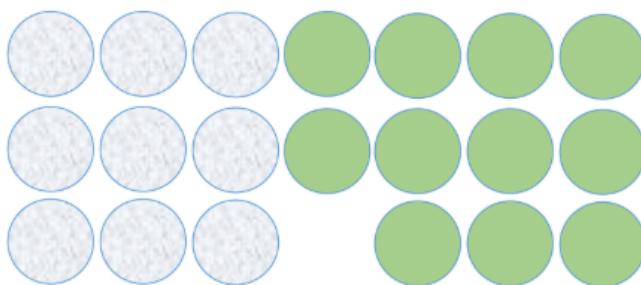
Remember the number pairs that make 10



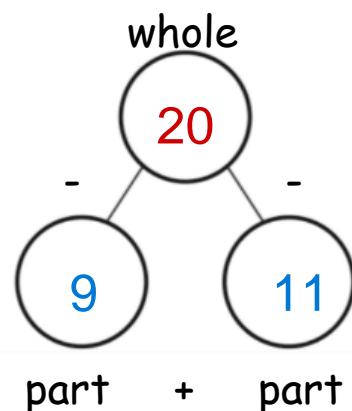
Number pairs that make 20



Q1. Use the number bond to find how many circles there are altogether.



Total number is 20



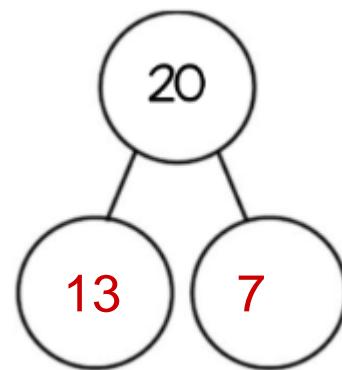
Q2. Rita has 20 balloons.

She **gave 13 away** to her friends.

How many balloons are left with her?

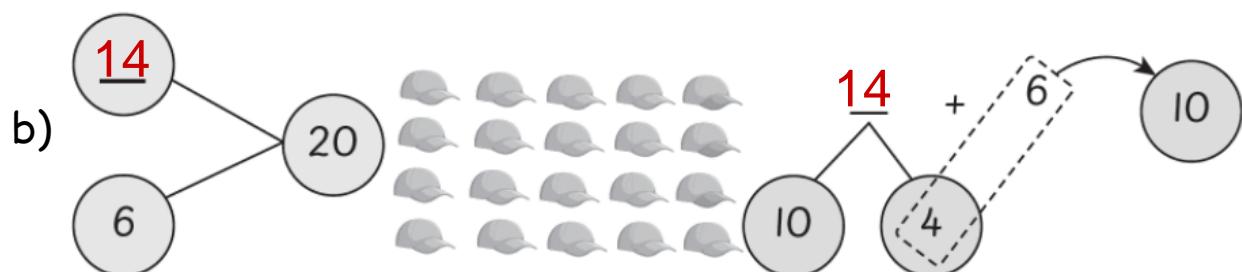
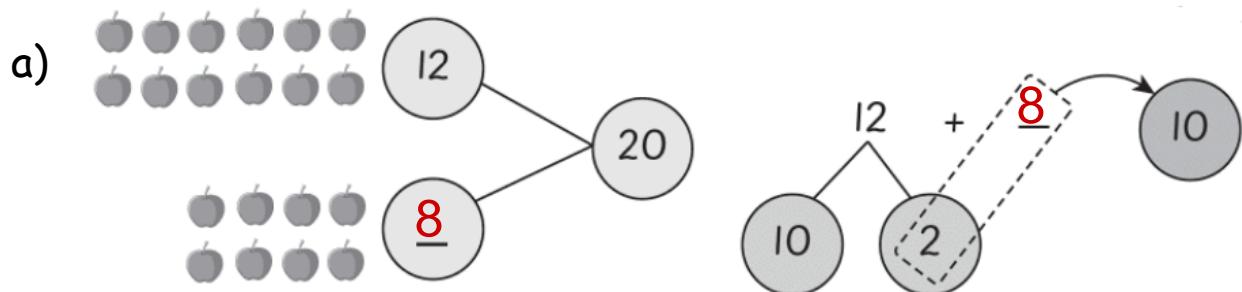
$$\boxed{20} - \boxed{13} = \boxed{7}$$

There are 7 balloons left.



- **Complements of numbers** are the number pairs that add up to that number.

Q3. Complete the following number bond.



Q4. Fill in the blanks.



a) How many pencils does Ahmad have?

$$\underline{7} + \underline{13} = \underline{20} \text{ pencils}$$

Ahmad **gives** 15 pencils to his brother.

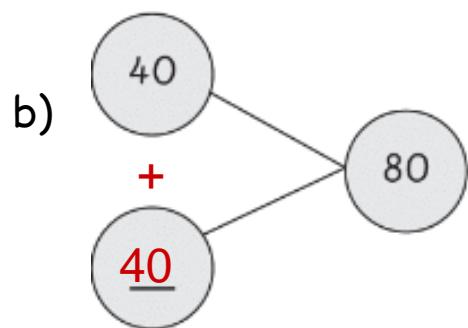
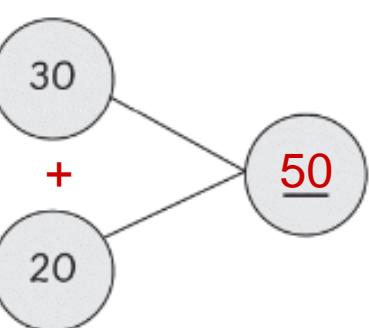
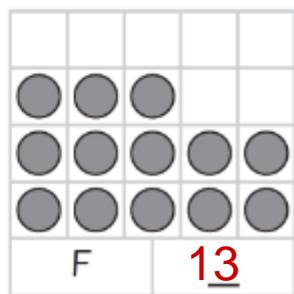
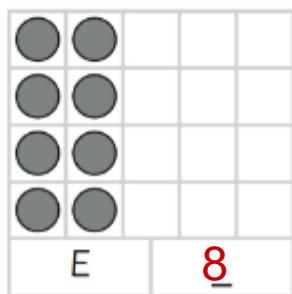
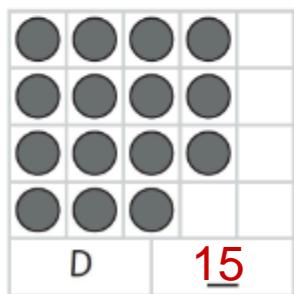
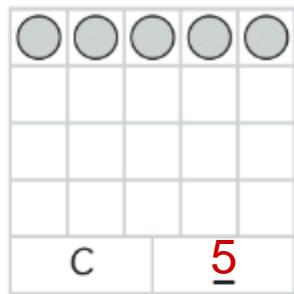
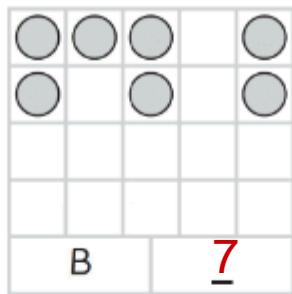
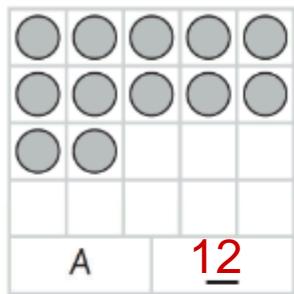


b) How many pencils does he have **left**?

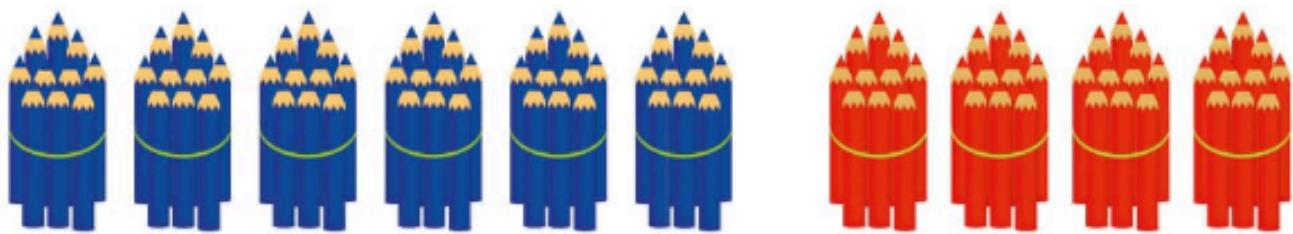
$$\underline{20} - \underline{15} = \underline{5} \text{ pencils}$$

Q5. Count the counters, and fill in the blanks.

Then match the cards that make 20.



Q7. Look at the pencils below and answer the questions.



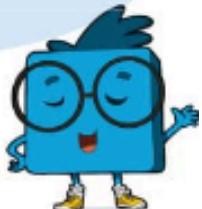
a How many pencils are there altogether?

$$\begin{array}{c} 60 \\ + \\ 40 \\ \hline 100 \end{array}$$

$$60 + 40 = \underline{100}$$

There are 100 pencils altogether.

6 + 4 = 10.
6 tens + 4 tens = 10 tens.
60 + 40 = 100.



b The shopkeeper sells 60 pencils.

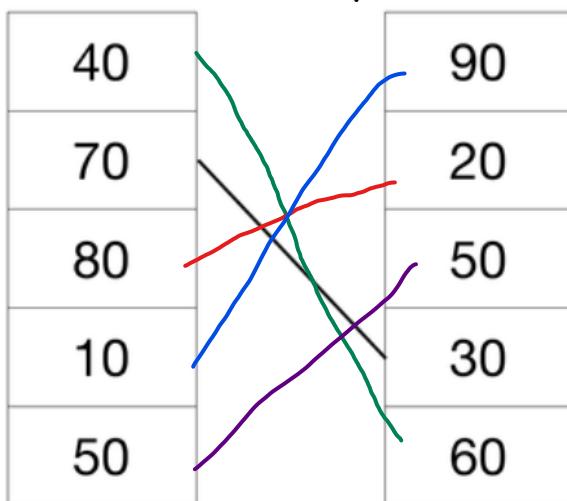
How many pencils are left?

$$100 - 60 = \underline{40}$$

$$\begin{array}{c} 100 \\ - \\ 60 \\ \hline 40 \end{array}$$

There are 40 pencils left.

Q8. Match to find the number pairs that make 100.



Rule:

To Find the number pairs that make 100.

The digits in the **ones** place should add up to **10**.

The digits in the **tens** place should add up to **9**.

Q9. Colour the complements of 100.

$$\boxed{70 \text{ and } 30} = 100$$

$$\boxed{52 \text{ and } 48} = 100$$

10 ones
9 tens

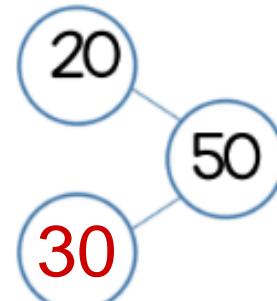
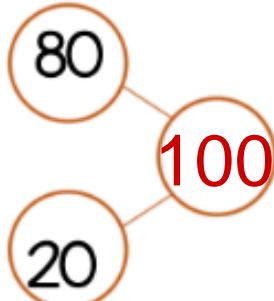
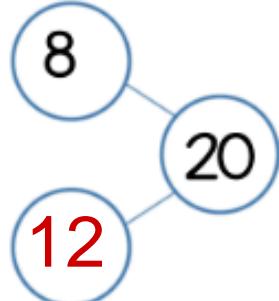
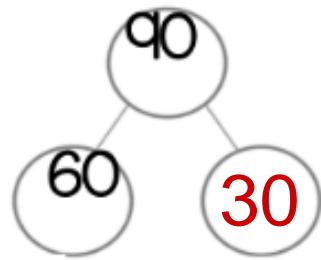
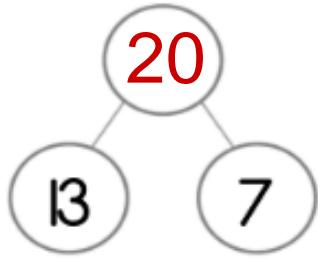
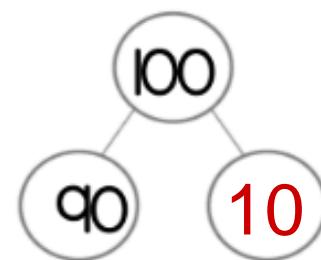
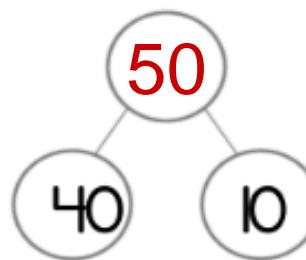
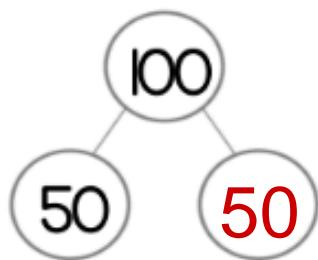
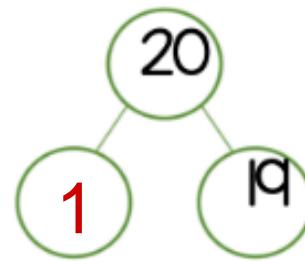
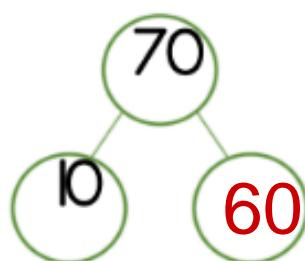
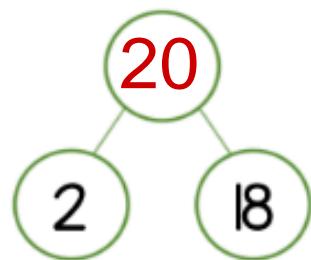
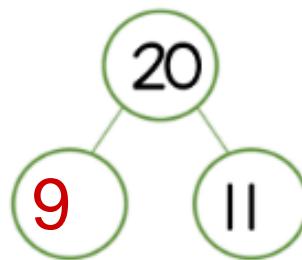
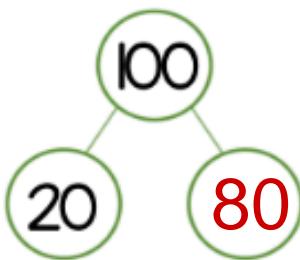
$$\boxed{50 \text{ and } 40}$$

$$\boxed{53 \text{ and } 46}$$

$$\boxed{71 \text{ and } 29} = 100$$

10 ones
9 tens

Q10. Complete the number bonds to find the complements of the numbers.



Q11. Kary has 75 stamps.

She wants to collect 100 stamps.

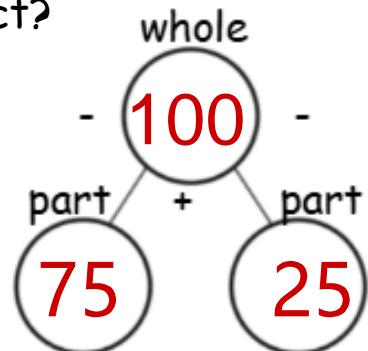
How many more stamps must she collect?

(how many are left?)

$$75 + \underline{\quad} = 100$$

10 ones
9 tens

She has to collect 25 stamps.



Q12. Fill in the blanks to complete the sentences.

a) 8 and 2 are complements of 10.

b) 70 and 30 are complements of 100.

c) 88 and 12 are complements of 100.

$$88 + \underline{\quad} = 100$$

10 ones
9 tens

Q13. Marie has 89 books.

She wants to make a collection of 100 books.

How many more books should she buy? 11

(how many are left?)

$$100 - 89 = 11$$

$$89 + \underline{\quad} = 100$$

9 tens
10 ones

the ones together make 10 ones

the tens together make 9 tens

Q14. Write the correct number that makes 100.

100		
86	14	
18	14	23

100		
68	32	
45	32	81

100		
25	75	
35	75	55

100		
43	57	
67	57	82

100		
9	91	
32	67	91

100		
14	86	
86	36	51

100		
62	38	
56	71	38

100		
52	48	
48	89	25

100		
41	59	
83	59	44

100		
77	23	
23	61	79

100		
35	65	
92	65	89

100		
93	7	
35	21	7

Rule:

To Find the number pairs that make 100.

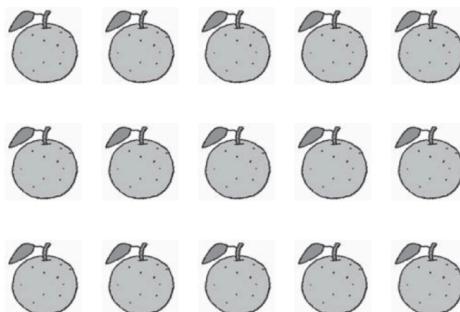
The digits in the **ones** place should add up to 10.

The digits in the **tens** place should add up to 9.

Q15. Look at the picture.

Circle to make 10.

Count on from 10 to find the number of oranges.



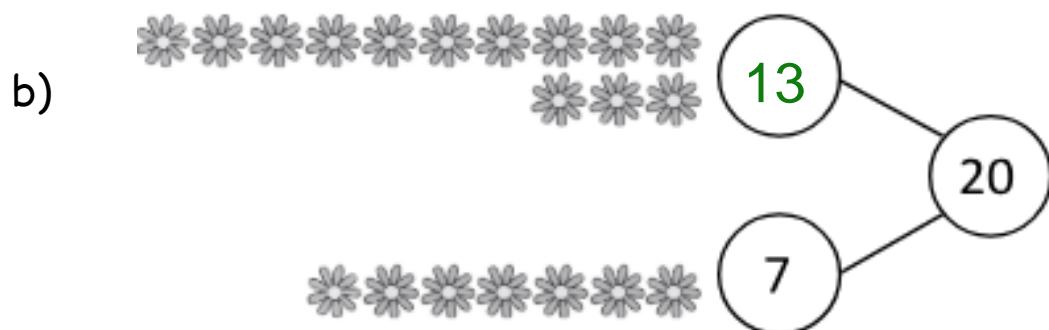
a) _____ and _____ make 10.

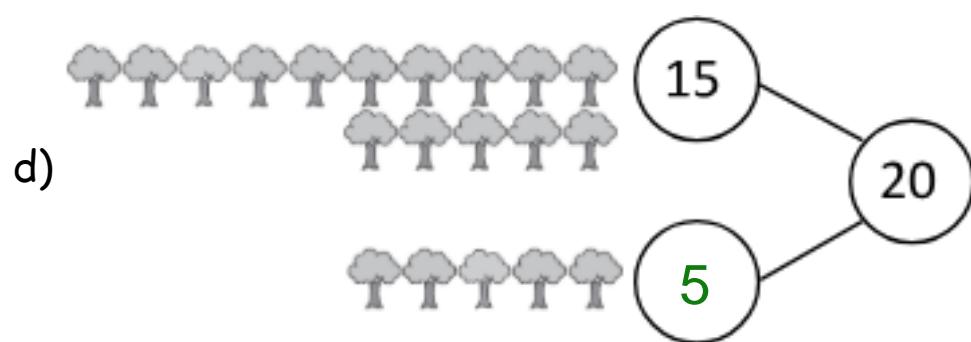
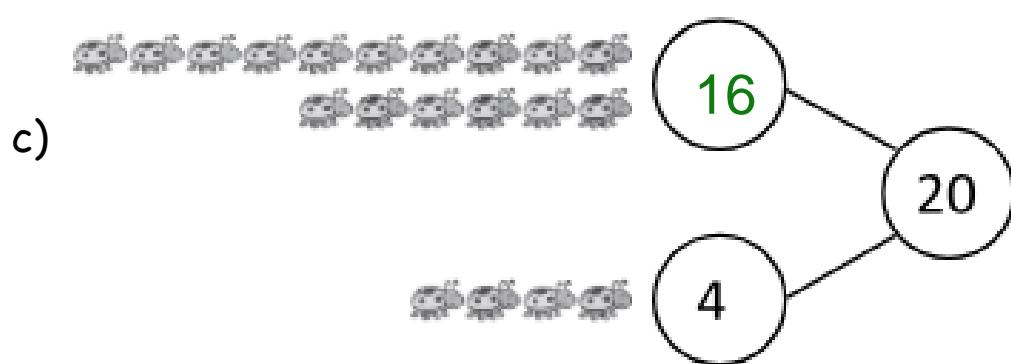
b) There are 15 oranges in all.

c) How **many more** oranges are to make 20 oranges?

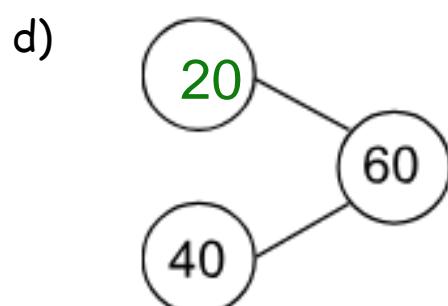
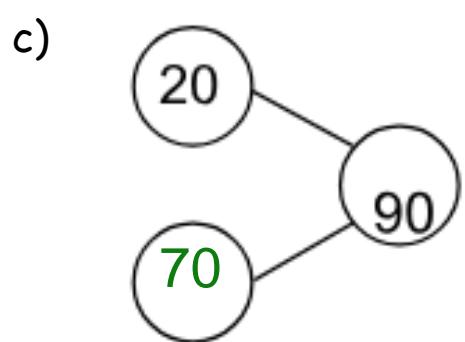
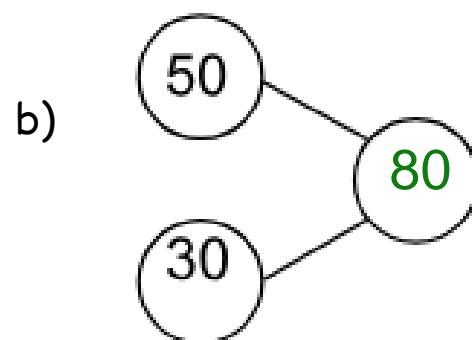
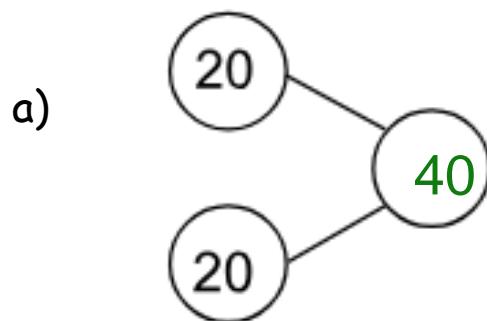
$$\underline{5 \text{ more}} \qquad \underline{15 + 5 = 20}$$

Q16. Count and fill to find the missing complements of 20.





Q17. Fill in the blanks.



Q18. An indoor playground has 80 children and 20 adults.

How many people are there in all?

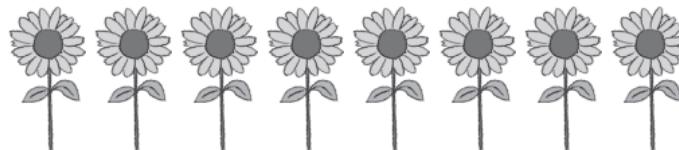
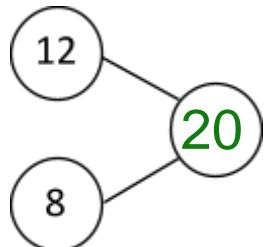
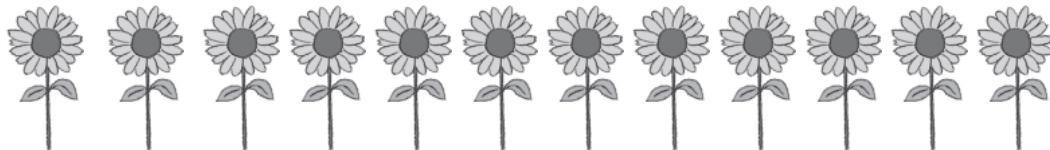
$$\underline{80} + \underline{20} = \underline{100}$$

There are 100 people in all.

Q19. Jessica has 12 sunflowers.

She buys 8 more sunflowers.

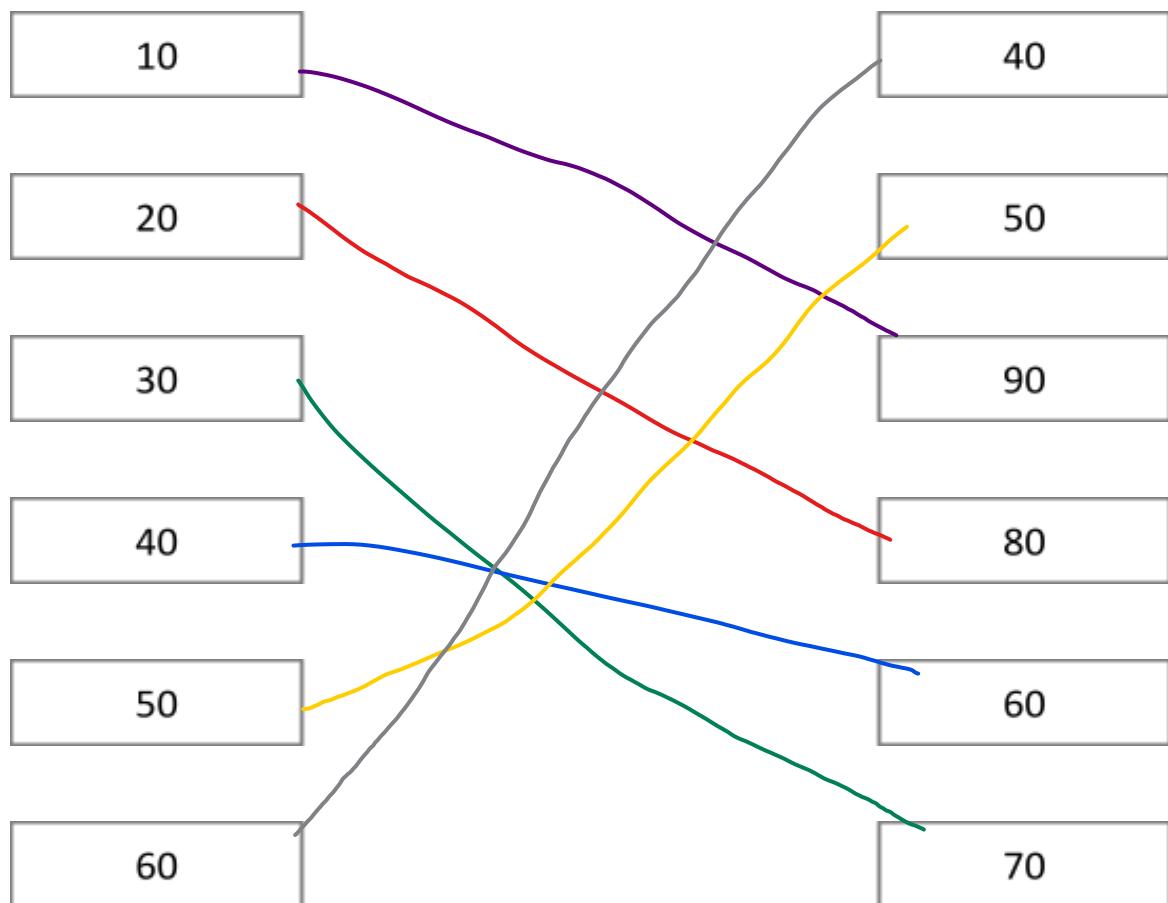
How many sunflowers does Jessica have in all?



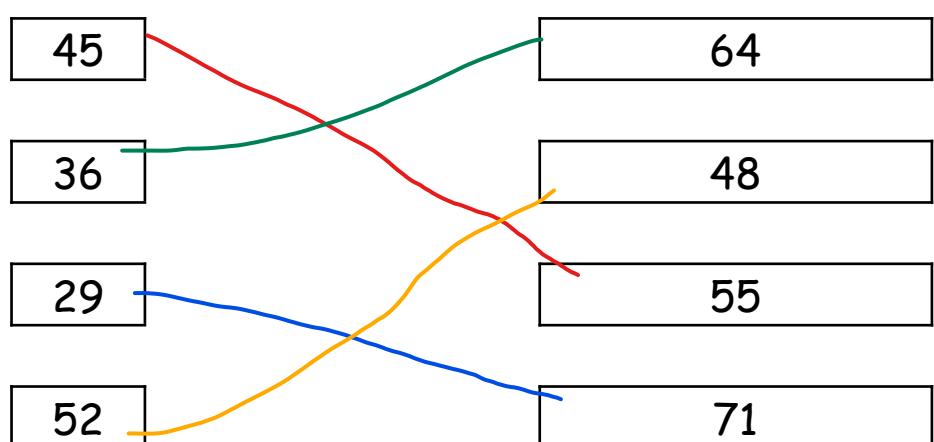
$$\underline{12} + \underline{8} = \underline{20}$$

Jessica has 20 sunflowers in all.

Q20. Join to make complements of 100.



Q21. Match the numbers that add to 100.



Q22. The total age of Pauline, her mother and father is 100.

The digit in the ones places for all their ages is 0.

Her mother and father are the same age.

How old is Pauline? 20

$$\begin{array}{ccc} \text{Pauline} & \text{mother} & \text{father} \\ 20 & 40 & 40 \\ \hline & + & + \\ & & = 100 \end{array}$$