Date:_____

Objective: use the complements of 10,20 and 100

Remember the number pairs that make 10

10	**10**	**10**
1 9	2 8	3 7

10	**10**
4 6	5 5

Number pairs that make 20
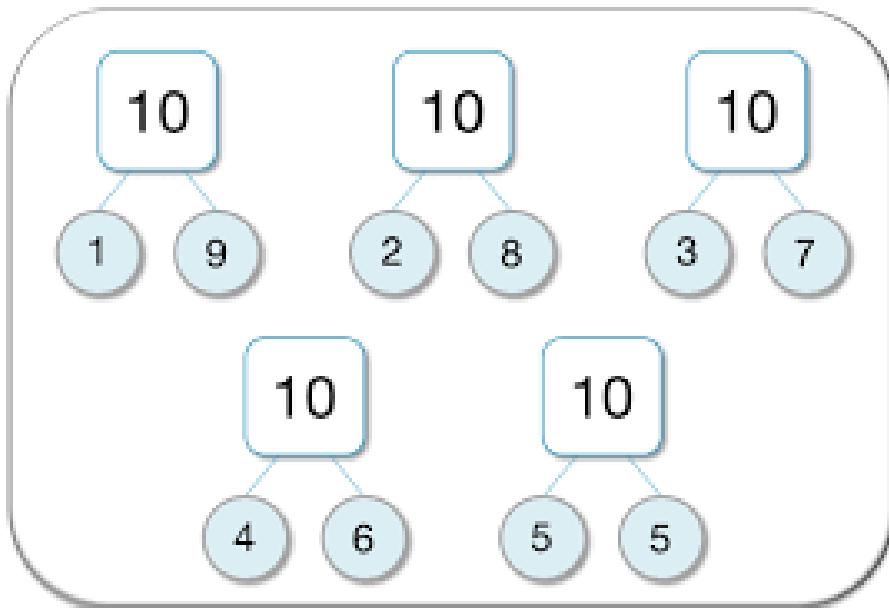
20	**20**	**20**	**20**	**20**
1 19	2 18	3 17	4 16	5 15
20	**20**	**20**	**20**	**20**
6 14	7 13	8 12	9 11	10 10
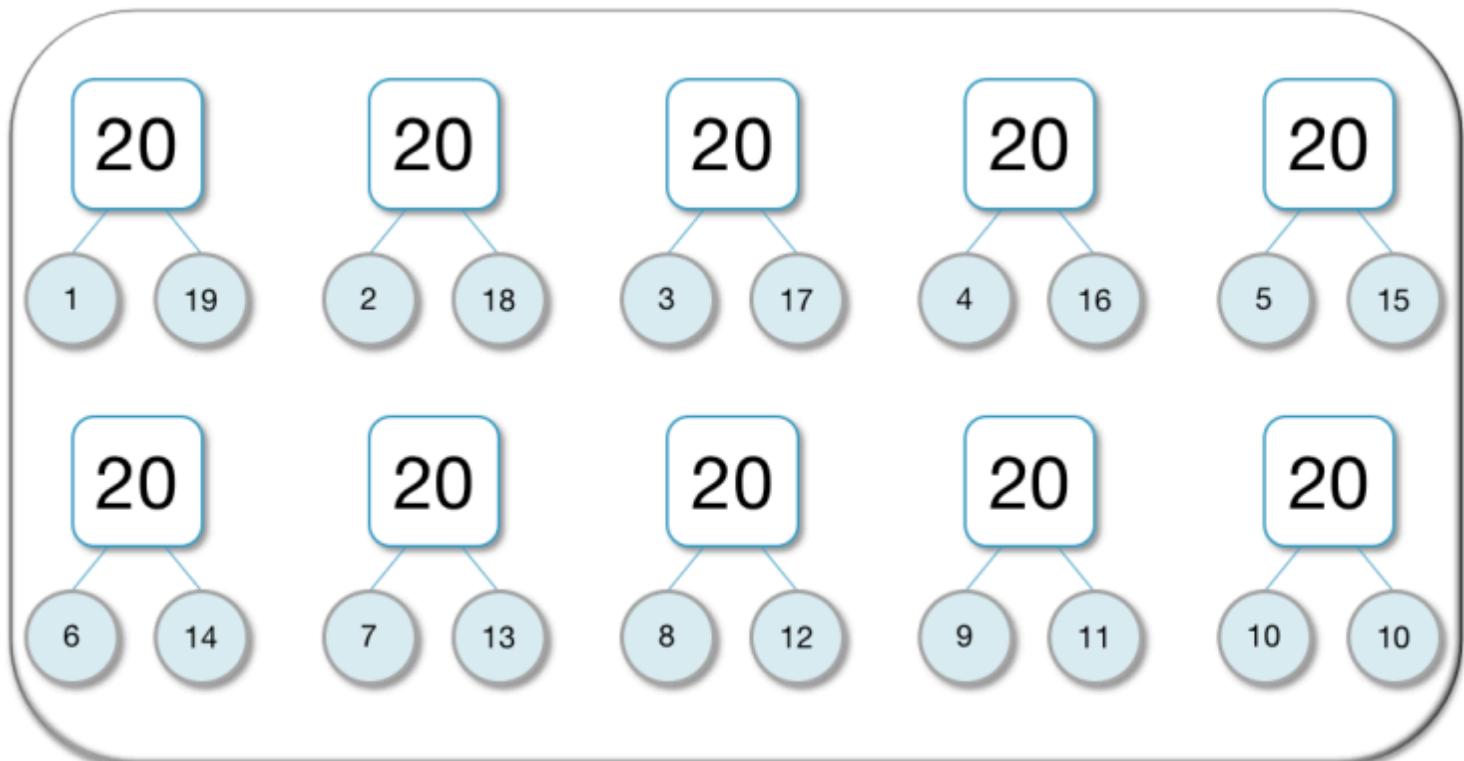
Q1. Use the number bond to find how many circles there are altogether.

Total number is _____

whole

-          -

part   +   part
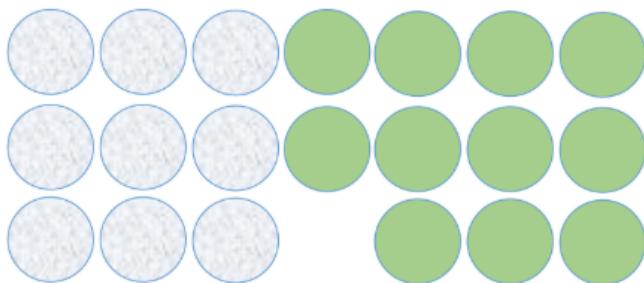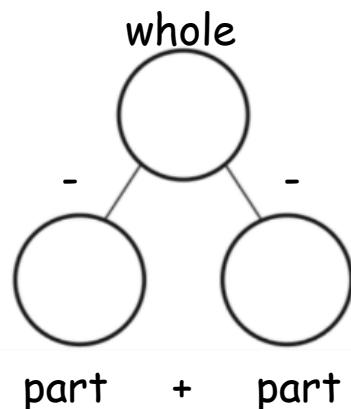
Q2. Rita has 20 balloons.

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

How many balloons are left with her?

☐ - ☐ = ☐

20
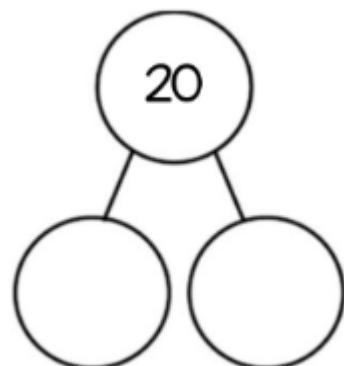
There are _____ balloons left.

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

Q3. Complete the following number bond.

a)

12
20
—

12 + ___ → 10

10   2

b)

—
20
6

— + 6 → 10

10   4
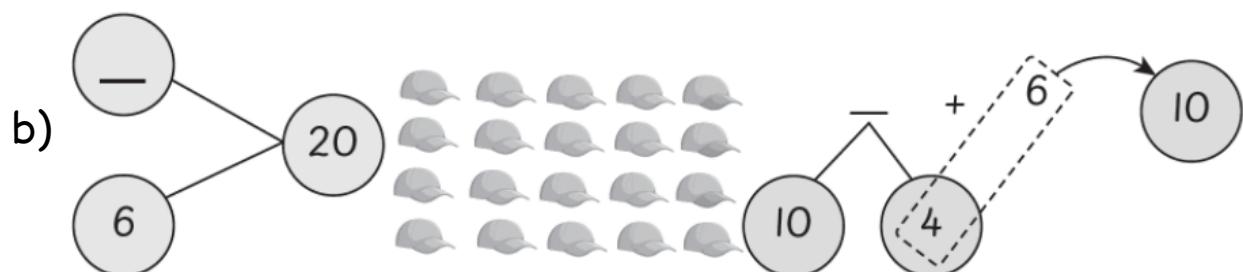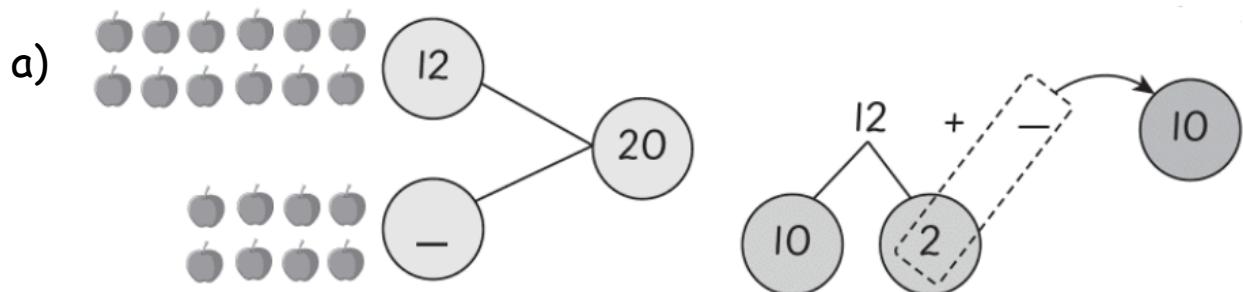
Q4. Fill in the blanks.

a) How many pencils does Ahmad have?

_____ + _____ = _____ pencils

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

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

_____ - _____ = _____ pencils

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

Then match the cards that make 20.

A ___

B ___

C ___

D ___

E ___

F ___
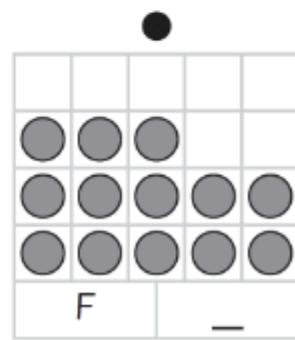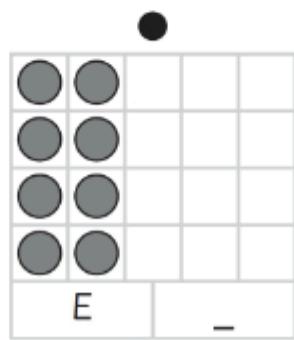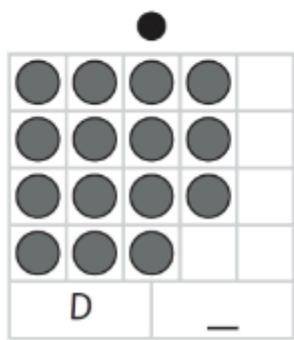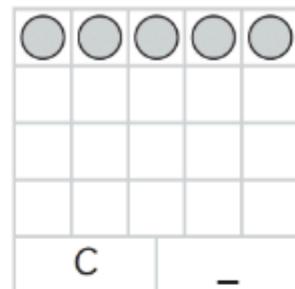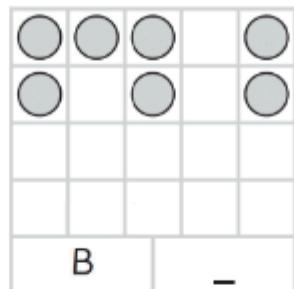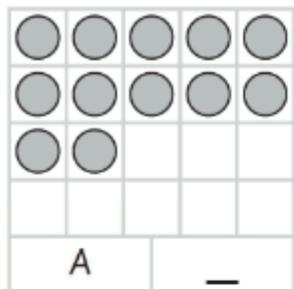
Q6. Fill in the blanks.

a)

30

20

___

b)

40

___

80
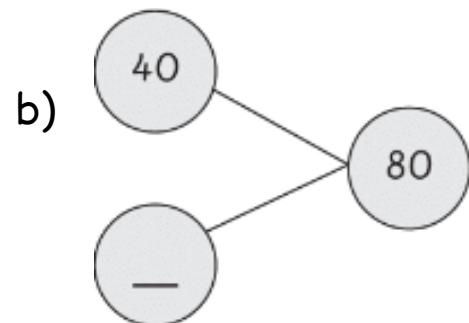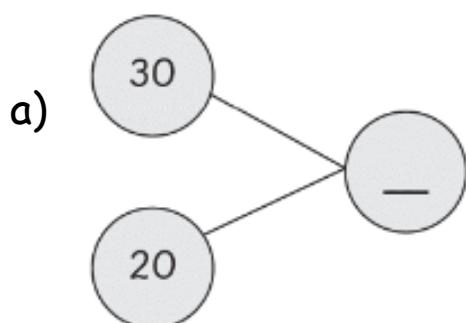
Q7. Look at the pencils below and answer the questions.
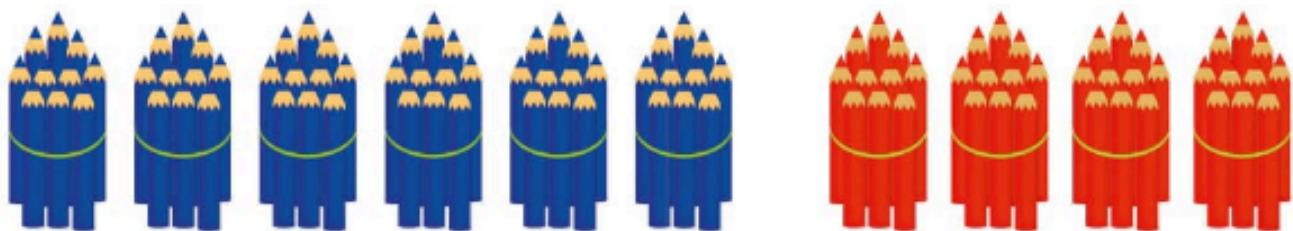
a   How many pencils are there altogether?

60

40

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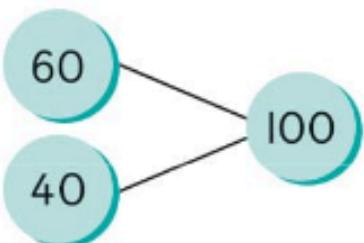
$6 + 4 = 10.$
6 tens + 4 tens = 10 tens.
$60 + 40 = 100.$

$60 + 40 =$ _____
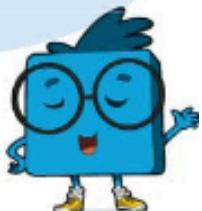
There are _____ pencils altogether.

b   The shopkeeper sells 60 pencils.
How many pencils are left?

$100 - 60 =$ _____

60

100
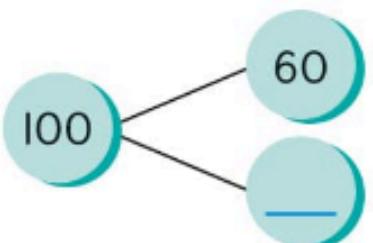
There are _____ pencils left.

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

| 40 |
| 70 |
| 80 |
| 10 |
| 50 |

| 90 |
| 20 |
| 50 |
| 30 |
| 60 |

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.

70 and 30

52 and 48

50 and 40

53 and 46

71 and 29

Q10. Complete the number bonds to find the complements of the numbers.
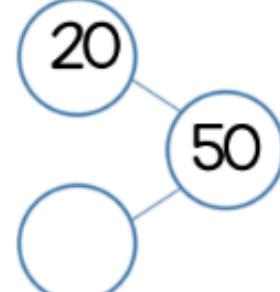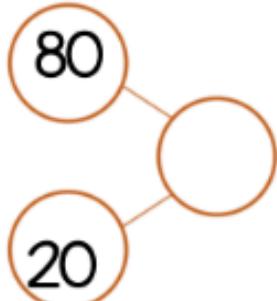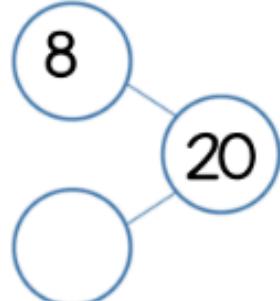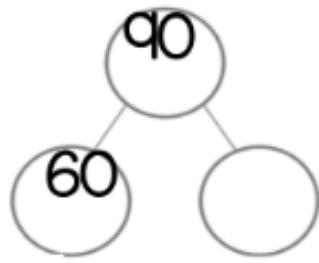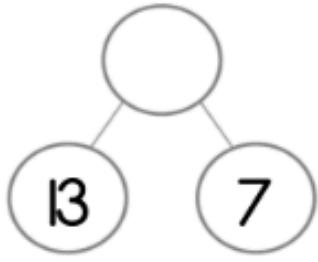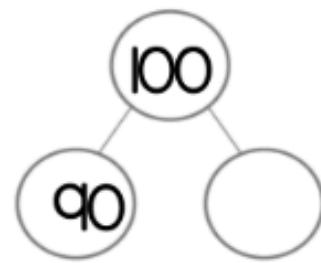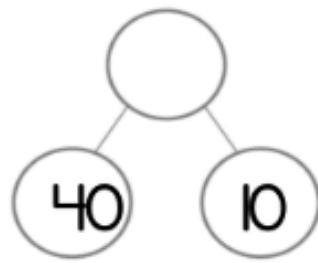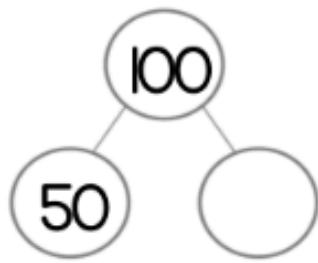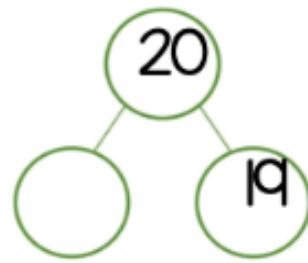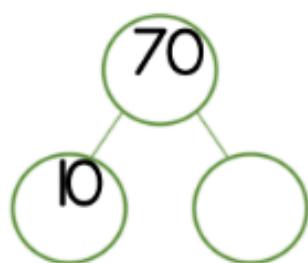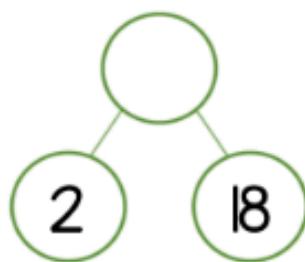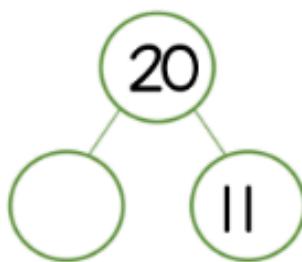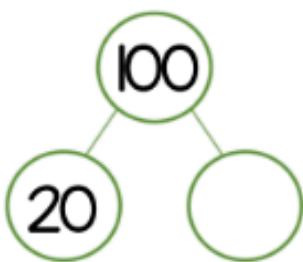
Q11. Kary has 75 stamps.

She wants to collect 100 stamps.

How many more stamps must she collect?

whole

part   +   part
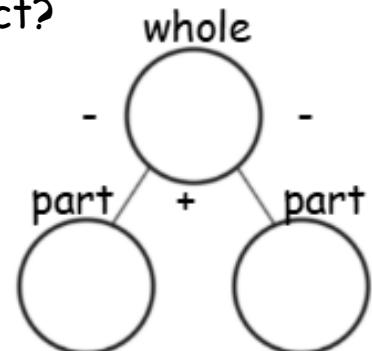
She has to collect _____ stamps.

Q12. Fill in the blanks to complete the sentences.

a) 8 and _____ are complements of 10.

b) 70 and 30 are complements of _____.

c) 88 and _____ are complements of 100.

Q13. Marie has 89 books.

She wants to make a collection of 100 books.

How many more books should she buy? _____

Q14.Write the correct number that makes 100.

100	
86	

(18)(14)(23)

100	
68	

(45)(32)(81)

100	
25	

(35)(75)(55)

100	
43	

(67)(57)(82)

100	
9	

(32)(67)(91)

100	
14	

(86)(36)(51)

100	
62	

(56)(71)(38)

100	
52	

(48)(89)(25)

100	
41	

(83)(59)(44)

100	
77	

(23)(61)(79)

100	
35	

(92)(65)(89)

100	
93	

(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**.

98

Q15. Look at the picture.

Circle to make 10.

Count on from 10 to find the number of oranges.
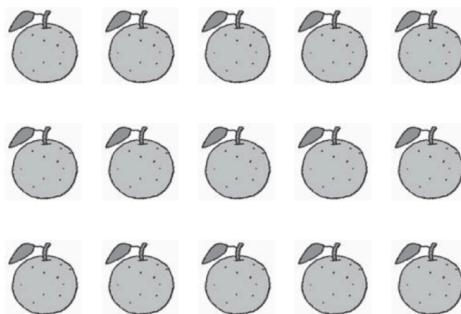
a) _____ and _____ make 10.

b) There are _____ oranges in all.

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

_____

Q16. Count and fill to find the missing <u>complements of 20.</u>

a)

b)

c)

d)
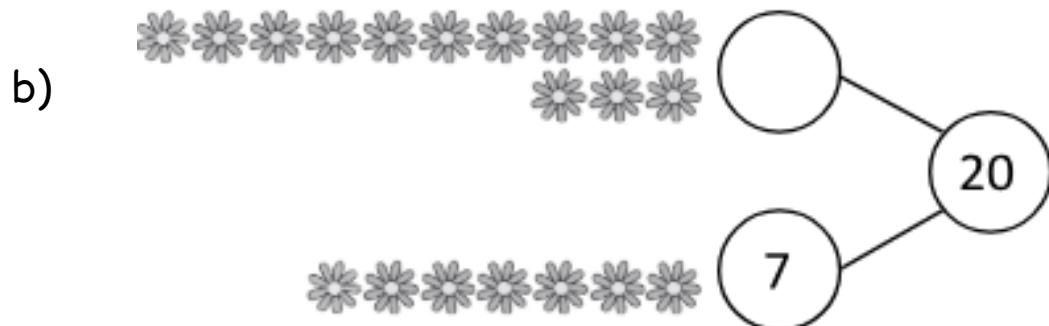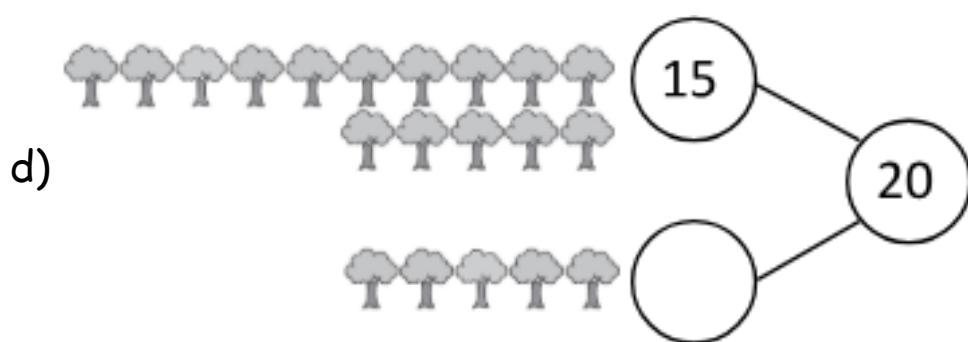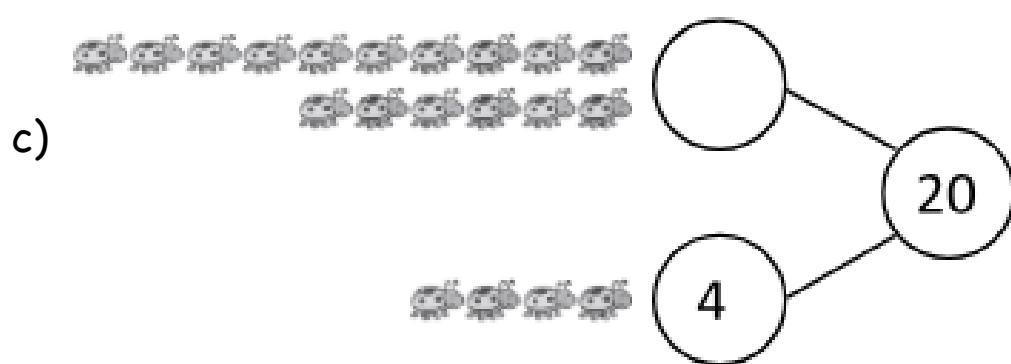
Q17. Fill in the blanks.

a)

b)

c)

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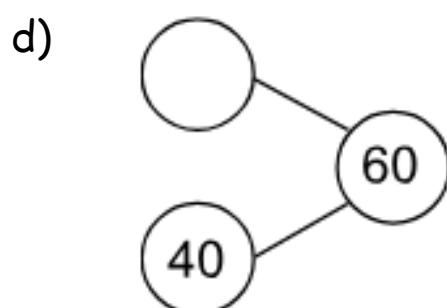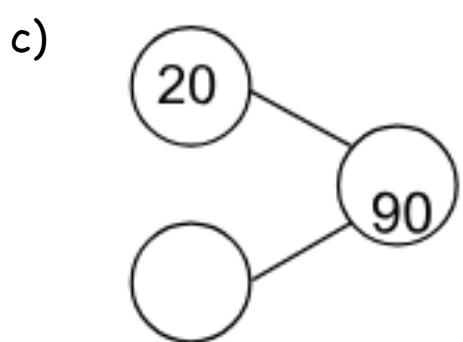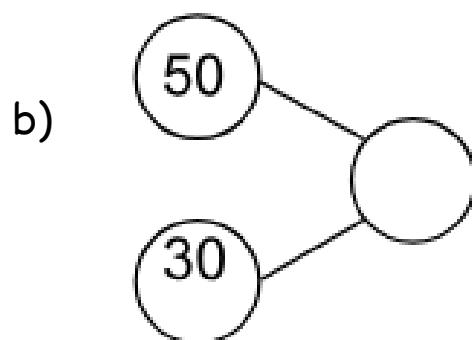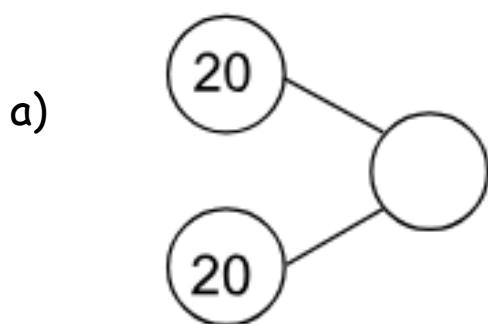
Q18.An indoor playground has 80 children and 20 adults.

How many people are there **in all?**

_____ + _____ = _____

There are _____ people in **all**.

Q19. Jessica has 12 sunflowers.

She buys 8 more sunflowers.

How many sunflowers does Jessica have **in all?**

_____ + _____ = _____
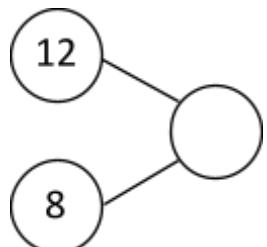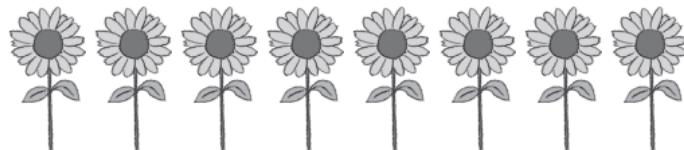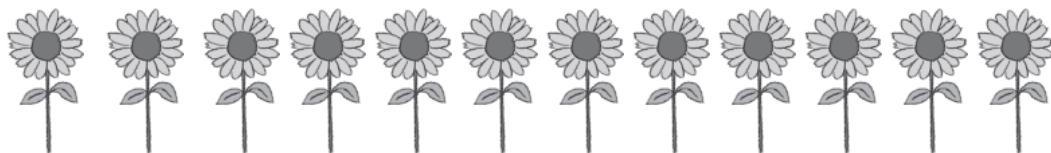
Jessica has _____ sunflowers in **all**.

Q20. Join to make complements of 100.

10	40
20	50
30	90
40	80
50	60
60	70

Q21. Match the numbers that add to 100.

45	64
36	48
29	55
52	71

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 <u>same </u>age.

How old is Pauline? _____

Pauline   mother   father

_____ + _____ + _____ = 100