**Date:** _____

Objectives

> Subtract by counting back, taking away and by finding difference.

Subtract by counting back

1. There are 7 rabbits. 3 of them hop away.
How many rabbits are left?

Count back from 7.

____ , ____ , ____ , 7

4 rabbits are left.

> I can count back to **subtract**. When you count back, the numbers get smaller.
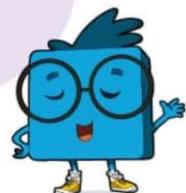
2. There are 9 frogs on the leaf.
4 of them jump off.
How many frogs are left?

____ , ____ , ____ , ____ , 9

_____ frogs are left.

3. **Count back**. Write the missing numbers.

a)

☐ ☐ 7
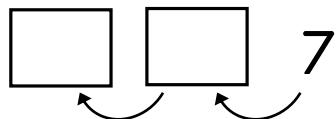
There are _____ biscuits left.

b)

☐ ☐ ☐ 15
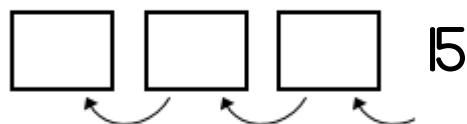
There are _____ balloons left

4. **Subtract.** Use the **number line** to help you.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
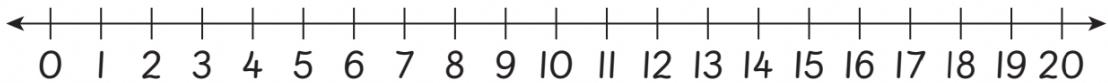
a) 11 - 5 = _____

b) 20 - 2 = _____

c) 12 - 3 = _____

d) 17 - 4 = _____

5. **Subtract.** Use the **number line** to help you.

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← | | | | | | | | | | | | | | | | | | | | | →
  0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
```
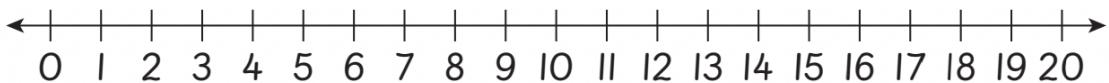
a) 14 - 6 = _____

b) 19 - 4 = _____

c) 13 - 0 = _____

d) 10 - 7 = _____

6.

Alexis has 15 colouring pencils. 3 colouring pencils break.

How many colouring pencils are left with Alexis?

Subtraction sentence: _____

_____ colouring pencils are left.

7. Tina buys a bag of blue and green beads. The bag has 20 beads.

   Tina counts 9 green beads. How many blue beads are in the bag?

   Number sentence: _____

   There are _____ blue beads in the bag.

8. Tick √ the correct box. Use a number line.

← | | | | | | | | | | | | | | | | | | | | | →
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
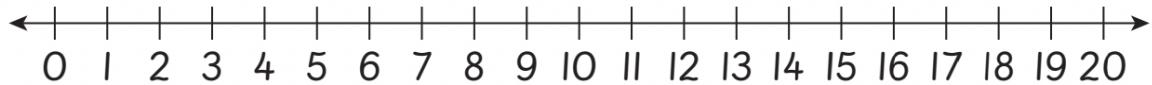
sentence	true	false
7 + 2 is the same as 15 − 6		
13 − 2 is the same as 16 − 4		
12 + 3 is the same as 17 − 2		

Subtract by taking away

1. There are 4 books.

   Subtract 2 books from 4 books.

   $4 - 2 =$ _____
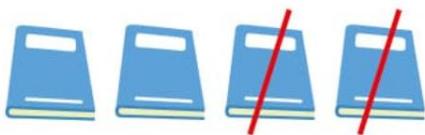
   There are _____
   books left.

   Subtract means **take away**. You can cross out the 2 books to show that they are taken away.
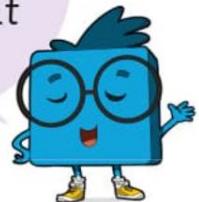
2. Take away 2 pears from 7 pears.

   How many pears are left?

   _____ – _____ = _____
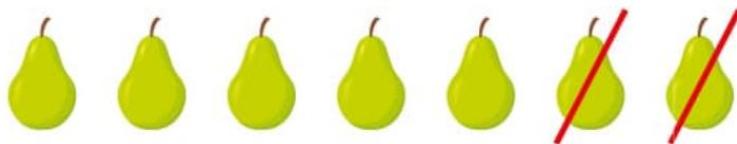
   _____ pears are left.

3. Gary has 12 stamps. He gives away 3 stamps.

   How many stamps has he left?

   _____ - _____ = _____

   He has _____ stamps left.

4. Write the missing numbers.

a)

8 − 3 = _____

b)

13 − _____ = _____

c)

_____ − 5 = _____

d)
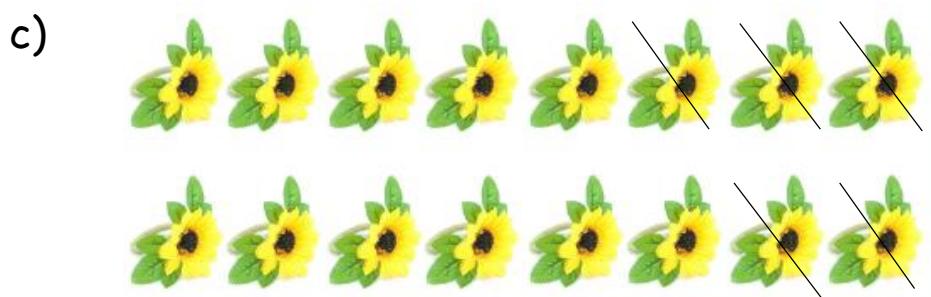
_____ − _____ = 15

5. There are 12 oranges on the table.

   David puts 3 oranges on a plate.

   How many oranges are left on the table?

   _____ ◯ _____ = _____
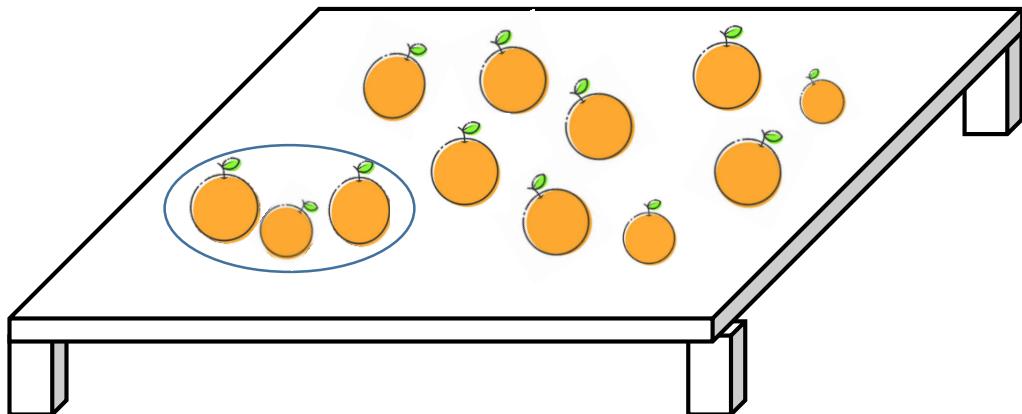
   _____ oranges are left on the table.

6. Jane has 15 beads. She gives away 4 beads.

   How many beads are left? _____

   Draw to show your answer.

   _____ - _____ = _____

7. Write the answer in the circle.
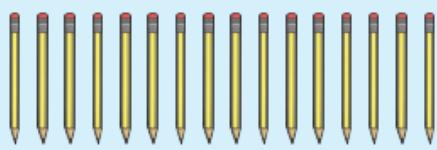
a) - 5 = ◯

_____ - 5 = _____

b) - 8 = ◯

_____ - 8 = _____

c) - 2 = ◯

_____ - 2 = _____
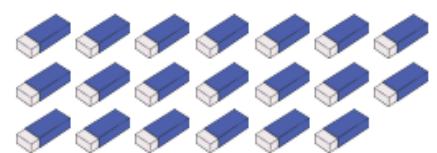
d) - 8 = ◯

_____ - 8 = _____

Subtract by finding difference

1. Caz picks 6 seashells.

   Ron picks 2 seashells.

   Finding the **difference** is the same as finding how many more or how many fewer.
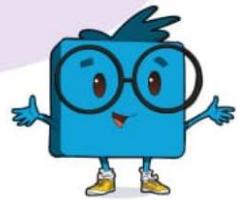
   What is the difference between the number of seashells Caz and Ron pick?
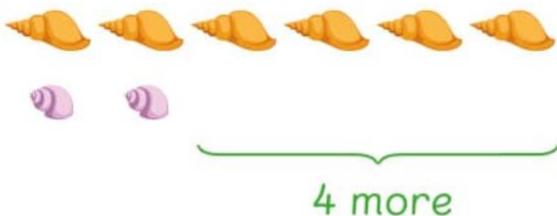
   You need to add 4 more seashells to make 6 seashells.
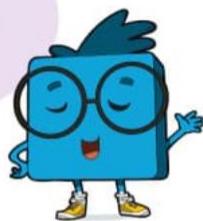
   4 more

   Caz picks 4 more seashells than Ron.

   Ron picks 4 fewer seashells than Caz.

   The difference is ___ seashells.

2. Find the difference between 5 and 8.

   5 , ___ , ___ , ___
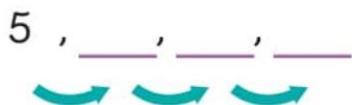
   We need to count on from 5 to 8.

   The difference is 3.

   We can also count back from 8 to 5 to find the difference.

   ___ , ___ , ___ , 8
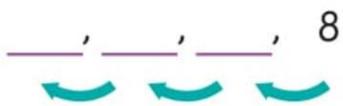
   The difference is 3.

3. Find the difference.

pineapples

apples

___ ___ ___ ___ ___ ___ ___ ___ ___

12 – 4 = _____
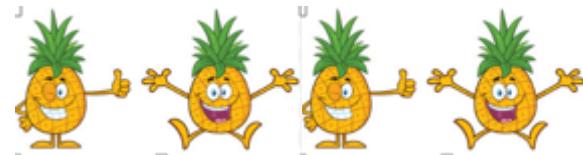
There are _____ more apples than pineapples.

4. Find the difference.

erasers

pencils

___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

13 – _____ = _____
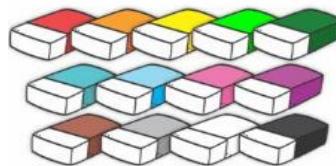
There are _____ fewer pencils than erasers.

5. Find the difference between 3 and 7.

3, [ ] , [ ] , [ ] , [ ]

[ ] , [ ] , [ ] , [ ] , 7
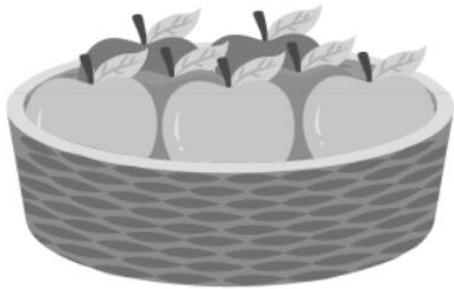
The difference is _____.

6. Find the difference between 3 and 8.

[ ] , [ ] , [ ] , [ ] , [ ] , [ ]

The difference is _____.

7. Look at these two sets of cakes.

What is the difference in the number of cakes?
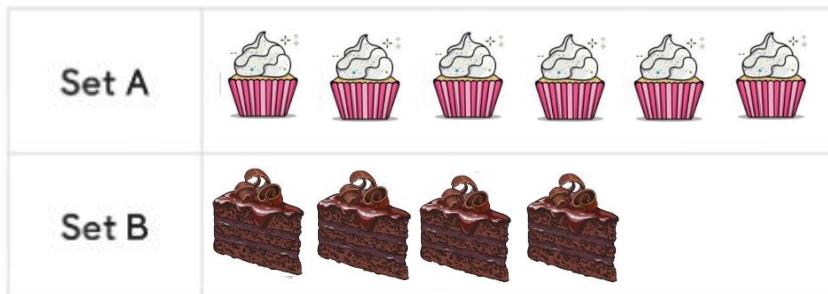
Set A	
Set B	

Set A has _____ cakes.

Set B has _____ cakes.

The difference is _____ cakes.

8. Terry has 19 pencils.

He has **4 more** pencils than Amy.

How many pencils does Amy have? Show your work.

Amy has _____ pencils.

9. Dani has 7 paper clips.
   Mona has 9 paper clips.
   Who is correct? Explain.
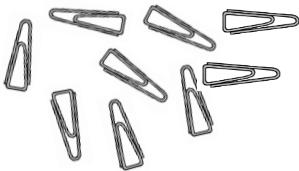
I have 2 more paper clips than Dani.

Mona

I have 2 fewer paper clips than Mona.

Dani

_____

_____

10. Lana has 8 sharpeners.
    Sam has 5 sharpeners.
    Who is correct? Explain.

I have 3 fewer sharpeners than Lana.

Sam

I have 8 more sharpeners than Sam.

Lana

_____

_____

Using bar model and vertical method

1. Tia has 12 jelly beans. She eats 4.
   How many jelly beans does she have **left**?
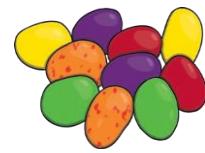
12	
4	

2. There are 20 sausages in a packet. I cook some of the sausages in a frying pan. There are 13 sausages left in the packet. How many sausages did I cook?

20	
	13

3. Adam has 15 ice cubes. He uses 6 ice cubes in a glass of lemonade. How many does he have **left**?

15	
6	

4. There are 8 buns on a baking tray. The baking tray can hold 16 buns. How many more buns can I put on the tray?

16	
8	

5. There are 12 glass bottles on a shelf. The shelf can hold 17 bottles. How many more can I put on the shelf?

17	
12	

for extra practice at home

6. Raj bought 19 marbles. He gave his brother 11 marbles. How many marbles are left with him??

19	
	11

for extra practice at home

7. Subtract.

a)   15
    - 3
    ____

    ____

b)   9
    - 6
    ____

    ____

c)   1 4
    - 1 0
    ____

    ____

d)   20
    - 10
    ____

    ____

e)   1 9
    - 5
    ____

    ____

f)   12
    - 1
    ____

    ____

g)   1 6
    - 5
    ____

    ____

h)   1 8
    - 4
    ____

    ____

i)   1 6
    - 2
    ____

    ____