



# Helping With Math

## Subtraction of Numbers within 100

GRADE 2



One of the fundamental operations in Mathematics is subtraction. Like addition, subtraction is also important in our daily lives. If you want to know how much money will be left after buying a bunch of cookies, subtraction is the way to find it out!



**Minuend**

$$56 - 13 = 43$$



**Difference**

### **SUBTRACTION**

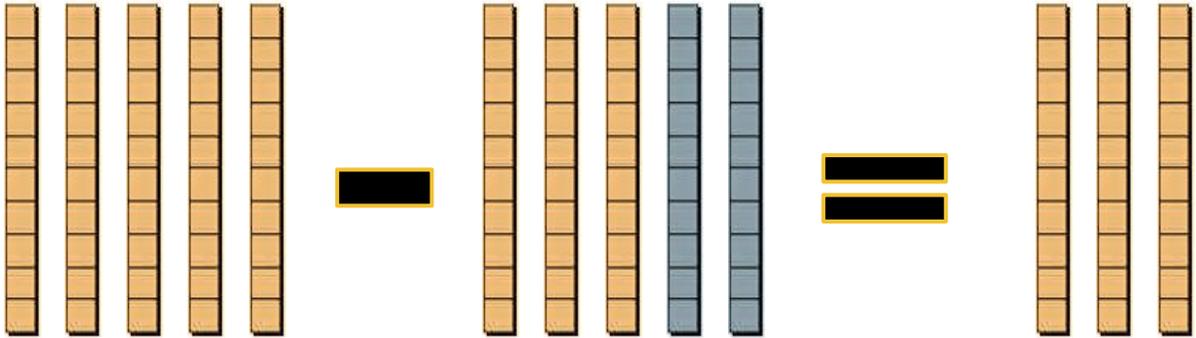
- is the opposite of addition
- taking one number away from the other number
- taking an object or objects from a group of objects



# SUBTRACTING NUMBERS BY TEN



Example:  $50 - 20 = ?$



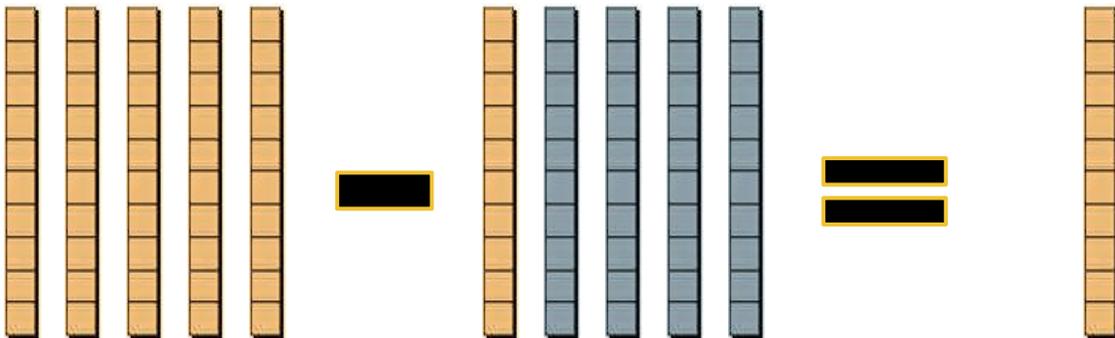
There are 50 blocks

Take away 20 blocks

30 blocks will remain



Example:  $50 - 40 = ?$



There are 50 blocks

Take away 40 blocks

10 blocks will remain



## SUBTRACTING NUMBERS BY COUNTING BACKWARDS

### 100 NUMBER CHART

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
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

$$85 - 30 = ?$$

1. Locate the minuend on the number chart. In our example, 85 is the minuend.
2. From then, count backwards which equal to the subtrahend. In this case, count backwards 30 times from 85.
3. The number that you are in after counting backwards 30 times is the difference. **The answer is 55.**

## SUBTRACTING NUMBERS BY COUNTING BACKWARDS

Do I need to regroup?

	6	2
-	4	7
<hr/>		

	5	12
	<del>6</del>	<del>2</del>
-	4	7
<hr/>		
	1	5

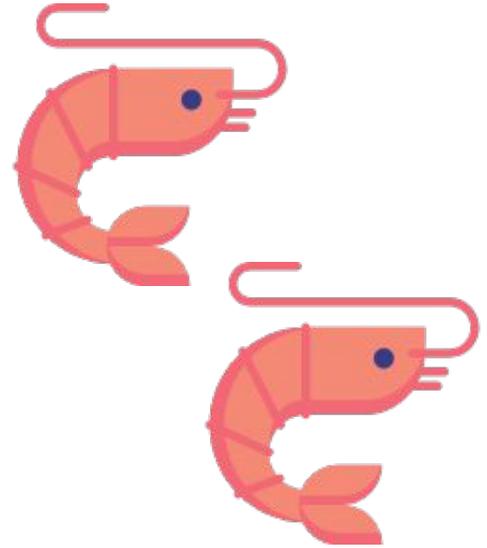
Regroup 1 ten as 10 ones. Now subtract 7 ones from 12 ones and 4 tens from 5 tens. **The answer is 15.**



# WORD PROBLEMS INVOLVING SUBTRACTION OF NUMBERS

## 1- STEP WORD PROBLEM INVOLVING SUBTRACTION

Kenny wants to buy a pound of large shrimp that costs \$ 16. If he gives \$50 to the cashier, how much is his change?



**SOLUTION:**

The answer is \$ 34.  
He should receive a change of \$34.

	4	10
	<del>5</del>	<del>0</del>
-	1	6
<hr/>		
	3	4

## 2- STEP WORD PROBLEM INVOLVING SUBTRACTION

Aside from shrimp, Kenny also wants to buy a pound of tuna which is \$ 9 and a pound of scallops which is \$13. How much is his change for \$34?



**SOLUTION:**

Add the cost of two seafoods. \$9 and \$ 13.

	1	
		9
+	1	3
<hr/>		
	2	2

Subtract the total from 34.

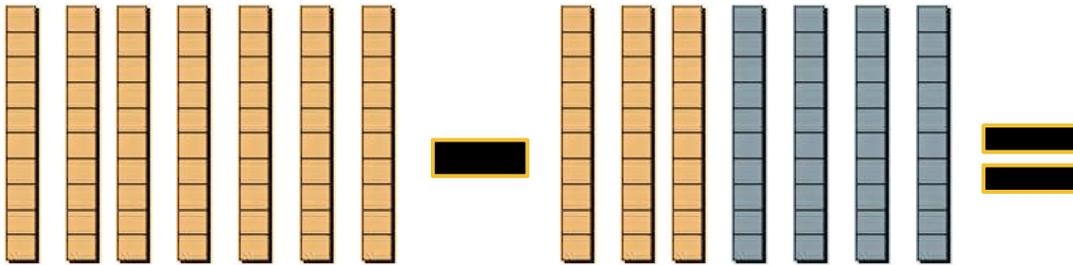
	3	4
-	2	2
<hr/>		
	1	2

Kenny's change will be \$12.



## PRACTICE EXERCISES

Find the difference of the following numbers.



There are \_\_\_\_  
blocks

Take away \_\_\_\_  
blocks

\_\_\_\_ blocks will  
remain

	5	5
-	1	8
<hr/>		

	7	1
-	5	2
<hr/>		

	2	9
-	1	3
<hr/>		

	6	0
-	4	5
<hr/>		

You may use this space for computation.



# TABLE OF ACTIVITIES

1. Solve the Scallops
2. Turtle Adventure
3. Swimming Backwards
4. Coral Reef
5. Sea Animal Lives
6. A Group of Goldfishes
7. Which Sea Animal Is It?
8. 100 Starfishes
9. Marine Errands
10. Sea World Experience



# SOLVE THE SCALLOPS

It seems that the scallops are having a hard time! Help them to find the difference of these numbers and write your answer in words.



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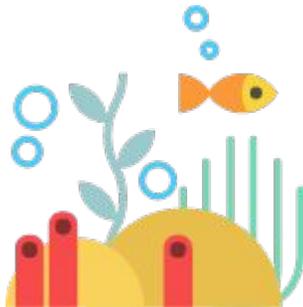


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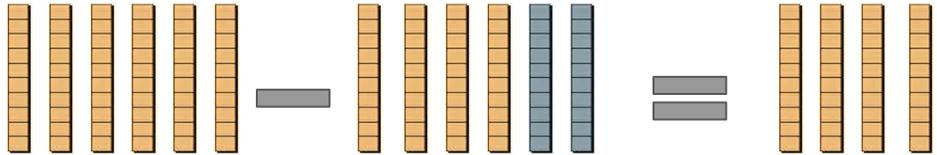
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# TURTLE ADVENTURE

The turtles are now ready for adventure! Can you help them to write the subtraction equation? Write your answer on the box.



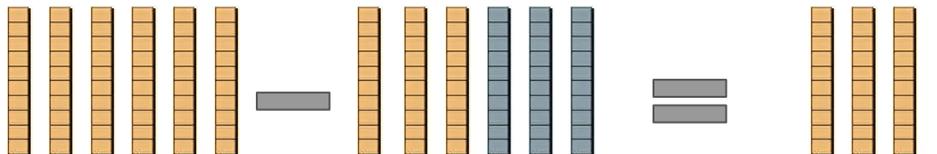
There are \_\_\_ blocks

Take away \_\_\_ blocks

\_\_\_ blocks will remain

Equation:

-  =



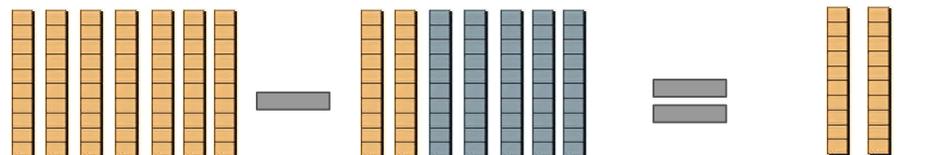
There are \_\_\_ blocks

Take away \_\_\_ blocks

\_\_\_ blocks will remain

Equation:

-  =



There are \_\_\_ blocks

Take away \_\_\_ blocks

\_\_\_ blocks will remain

Equation:

-  =



# SWIMMING BACKWARDS

Oh no! Mrs. Fish seems to have lost her way home. Solve the following subtraction items by counting backward and assist Mrs. Fish to go back in track.

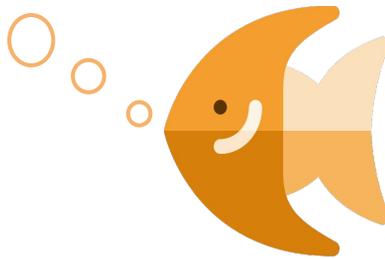
## 100 NUMBER CHART

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
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51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
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

Which number will I land into when I started counting backwards from 58 using 26 steps?

Equation:

$$\square - \square = \square$$



## 100 NUMBER CHART

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
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

If I start on 83 and count backward 53 times, into which number will I stop?

Equation:

$$\square - \square = \square$$



# CORAL REEF

Corals are fishes' home. Take care of them by getting the difference of these numbers.

$$\begin{array}{r} 56 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ - 49 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 25 \\ \hline \end{array}$$

You may use this space for your solution.

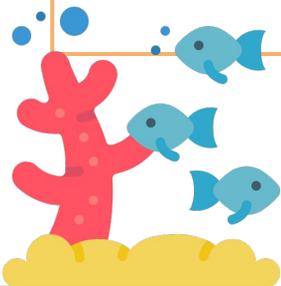


$$\begin{array}{r} 83 \\ - 75 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ - 59 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ - 84 \\ \hline \end{array}$$

You may use this space for your solution.



## SEA ANIMALS'S LIVES

Read and understand the following sea animal situations. Cut the numbers below and paste your answer on the box provided for you.



There are 78 fish families living in a coral. During winter, 35 of them swam away to another place. How many fish families were left?

At the sea, 35 out of 65 salmon traveled to a warm water to escape freezing water. How many salmon were left?

84 seahorses are swimming together. One day, the 47 of them tried to swim on the other direction. How many seahorse were still in the group?

Even some sea animals looked for warmer place to spend their days. In fact, they would have to travel 14 days to find a warmer place. If 29 sea animals were from the original 90, how many sea animals went away?

30

61

43

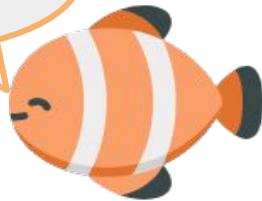
37



# A GROUP OF GOLDFISH

Goldfishes are out for some fun! Help them find the answer on their bubbles. Write your answer on the line.

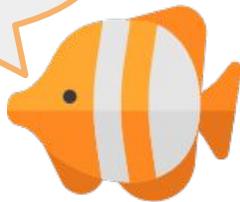
$56 - 14 = \underline{\quad}$



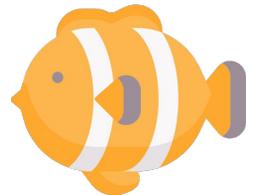
$85 - 32 = \underline{\quad}$



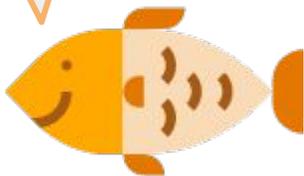
$48 - 24 = \underline{\quad}$



$67 - 54 = \underline{\quad}$



$99 - 12 = \underline{\quad}$



$87 - 64 = \underline{\quad}$



## WHICH SEA ANIMAL IS IT?

Do you know that this sea animal can live up to 100 years? Solve each item and find out which animal is in the mystery box.

$\overline{26}$   $\overline{42}$   $\overline{37}$   $\overline{48}$   $\overline{34}$   $\overline{31}$   $\overline{40}$

Do you know that this sea animal can live up to 100 years? Can you guess which animal is it?

$$\begin{array}{r} 57 \\ - 20 \\ \hline \square = B \end{array}$$

$$\begin{array}{r} 63 \\ - 21 \\ \hline \square = A \end{array}$$

$$\begin{array}{r} 48 \\ - 17 \\ \hline \square = E \end{array}$$

$$\begin{array}{r} 72 \\ - 46 \\ \hline \square = L \end{array}$$

$$\begin{array}{r} 80 \\ - 40 \\ \hline \square = R \end{array}$$

$$\begin{array}{r} 37 \\ - 15 \\ \hline \square = M \end{array}$$

$$\begin{array}{r} 92 \\ - 58 \\ \hline \square = T \end{array}$$

$$\begin{array}{r} 29 \\ - 17 \\ \hline \square = S \end{array}$$

$$\begin{array}{r} 93 \\ - 45 \\ \hline \square = S \end{array}$$

$$\begin{array}{r} 81 \\ - 40 \\ \hline \square = P \end{array}$$

$$\begin{array}{r} 66 \\ - 21 \\ \hline \square = W \end{array}$$

$$\begin{array}{r} 77 \\ - 35 \\ \hline \square = O \end{array}$$



# 100 STARFISHES

Look at these lovely starfishes! Can you think of numbers that will give the particular answer? Write them down.

 $=$  $-$

 $=$  $-$

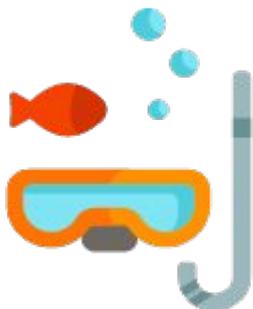
 $=$  $-$

 $=$  $-$



## MARINE ERRANDS

Have you ever tried snorkeling? Do you have fish aquarium at home? Then solve the following problems.



During a snorkeling session, you saw that there are 17 small fishes on your left side and about 30 small fishes on the right side. 23 of them got off before you. How many small fishes were left?

SOLUTION AND ANSWER:

There are 25 goldfishes and 32 other fishes in your aquarium. The other day, 8 of them died because of unknown reason. Today, another 8 died. How fishes are still alive?



SOLUTION AND ANSWER:



# SEA WORLD EXPERIENCE

Have you been in a marine amusement park? I want to know your experience about sea animals. Write your encounter with these lovely creatures! You may also draw some of them that you can still remember.



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