# Math Book 3 

Addition Level 2
Adding numbers 0-20



## A ddition using values

 betw een 0 and 10> 6
> +1
$\begin{array}{r}7 \\ +2 \\ \hline\end{array}$

> 9
> +0

$$
7
$$

10
$+1$

> 9
> +5

2
+0
7
+3
8
8
$+0$

10
$+7$
7
$+0$
5
+1
2
9
$+5$

| 10 | 9 | 8 | 4 | 6 |
| :---: | :---: | :---: | :---: | :---: |
| + 3 | $+0$ | + 2 | + 2 | + 4 |
|  |  |  |  |  |
| 4 | 9 | 8 | 1 | 1 |
| + 0 | + 2 | + 2 | $+0$ | + 0 |

STORY PROBLEM: Brianna is the star of her Junior Jaz z basketball team. She scored 9 points during the first half of today's game and 8 points during the second half. How many points did she score during today's game?


## A ddition using values betw een 0 and 10

$$
\begin{aligned}
& 8+7=6+2=3+4= \\
& 8+5=1+3=8+2= \\
& 2+3=3+3=6+10= \\
& 1+0=2+2=7+2= \\
& 5+7= \\
& 4+1= \\
& 4+4= \\
& 8+1= \\
& 7+5= \\
& 1+7= \\
& 1+3=4+4=4+0= \\
& 4+4= \\
& 4+0=
\end{aligned}
$$

## STORY PROBLEM:

Luke likes to snow board. Every time Luke goes snow boarding, he counts how many times he goes dow $n$ the trail. Bef ore today, Luke had counted 10 times. Today he went 4 more times. How many times has Luke been dow $n$ the trail now?
Addition using values betw een 0 and 11

$$
10
$$

$$
+6
$$

$$
\begin{array}{r}
10 \\
+4
\end{array}
$$

$$
\begin{array}{r}
7 \\
+3
\end{array}
$$

$$
\begin{array}{r}
11 \\
+8 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
5 \\
+1 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
5 \\
+1
\end{array}
$$

$$
6
$$

$$
\begin{array}{r}
4 \\
+3
\end{array}
$$

$\qquad$

$$
\begin{array}{r}
4 \\
+2 \\
\hline
\end{array}
$$

$$
8
$$


10
4

$$
+0
$$

$$
+7
$$

$$
+6
$$

$$
6
$$

$$
\begin{array}{rr}
8 & 3 \\
+4 & +0
\end{array}
$$

$$
\begin{array}{r}
4 \\
+1
\end{array}
$$

$$
+0
$$

## STORY PROBLEM:

Lindsey loves to have tea parties with her dolls. She has 2 tables set up for her party. One table has 4 dolls and the ot her has 7 dolls. How many dolls does Lindsey have at her tea party?

A ddition using values betw een 0 and 11

$$
\begin{aligned}
& 10+7=4+5=1+1= \\
& 3+7= \\
& 1+0= \\
& 1+10= \\
& 10+7= \\
& 4+6= \\
& 2+9= \\
& 6+5= \\
& 3+9= \\
& 5+2= \\
& 2+7= \\
& 2+7= \\
& 8+11= \\
& 5+2= \\
& 7+6= \\
& 9+1= \\
& 8+2= \\
& 4+10= \\
& 9+0=
\end{aligned}
$$

## STORY PROBLEM:

$V$ incent collects racing cars and displays them in his room. He has 2 shelves with cars. One shelf has $\mathbb{1 1}$ cars and the other shelf has 9 cars. How many cars does $V$ incent have all together?

## A ddition using values betw een 0 and 12

$$
\begin{array}{rr}
10 & 9 \\
+8 & +4
\end{array}
$$

$$
3
$$

$$
8
$$

$$
3
$$

$$
+7
$$

$$
+1
$$

$$
12
$$

$$
+5
$$



## STORY PROBLEM:

A ngie is the first baseman on her sof tball team. In her first game, she caught the ball 5 times. In her second game, she caught the ball 12 times. How many times did A ngie catch ball during her first two games?

A ddition using values betw een 0 and $D$

| $11+2=$ | $5+2=$ | $3+7=$ |
| :--- | :--- | :--- |
| $7+12=$ | $8+8=$ | $8+8=$ |

$0+5=$
$2+11=$
$8+4=$
$8+5=$
$3+2=$
$9+2=$
$4+2=$
$7+2=$
$5+4=$
$4+11=$
$6+9=$
$6+3=$

## STORY PROBLEM:

It's Science Fair time at Orem Elementary School. Drake has spent a long time working on his project. Last week he spent $\mathbb{D}$ hours working on his project. This week, he spent 7 hours putting on the final touches. How many total hours did Drake spend on his project?

A ddition using values betw een 0 and 15

$$
10 \quad 10
$$

$$
12
$$

$$
12
$$

$$
8
$$

$$
+9
$$

$$
+2
$$

$$
+1
$$

$$
\begin{array}{r}
12 \\
+0
\end{array}
$$

$$
5
$$

$$
12
$$

$$
2
$$

$$
14
$$

$$
+6
$$

| 10 | 15 |
| ---: | ---: |
| +7 | +10 |

$$
\begin{array}{r}
5 \\
+3
\end{array}
$$

$$
\begin{array}{r}
2 \\
+0
\end{array}
$$

$$
13
$$

$$
+1
$$

$$
\begin{array}{r}
12 \\
+4
\end{array}
$$

$$
\begin{array}{r}
3 \\
+1
\end{array}
$$

$$
\begin{array}{r}
1 \\
+0
\end{array}
$$

$$
\begin{array}{r}
10 \\
+5
\end{array}
$$

$$
\begin{array}{r}
1 \\
+0
\end{array}
$$

| 3 | 15 |
| ---: | ---: |
| +1 | +9 |

$\qquad$

$$
\begin{array}{r}
3 \\
+0
\end{array}
$$

$$
\begin{array}{r}
12 \\
+8
\end{array}
$$

## STORY PROBLEM:

During gym class, Mrs. A nderson got out two boxes of balls. One box had 15 balls, and the other box had 6 balls. How many balls did Mrs. A nderson get out?


$$
\begin{array}{rr}
12 & 7 \\
+6 & +5
\end{array}
$$

$$
14
$$

$$
13
$$

$$
17
$$

$$
+12
$$

$$
+5
$$

$$
+4
$$

16
$+15$
9
$+2$
4
11
14
$+4$
$+13$
$\qquad$
$\qquad$

| 9 | 18 |
| ---: | ---: |
| +2 | +17 |

2
+0
17
11
$+13$
$+5$

| 5 |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: |
| +1 | 9 <br> +2 | 16 <br> +7 | 1 <br> +0 | 14 <br> +3 |
|  | - | - | - |  |
| 13 | 7 | 5 | - |  |
| +4 | +0 | -4 | - |  |

## STORY PROBLEM:

Mattias loves doing art projects at school. He puts each one up in his room at home. He has 16 pictures on his wall right now, but he is bringing home 3 more. After Mattias puts those 3 pictures on his wall, how many art projects will he have hanging up?


## A ddition using values

 betw een 0 and 20| 6 | 14 | 10 |
| ---: | ---: | ---: |
| +5 | +1 | +6 |


| 6 | 8 | 14 |
| ---: | ---: | ---: |
| +2 | +7 | +12 |

14
12
8
+4
15
$+3$

$$
\begin{array}{rr}
11 & 14 \\
+5 & +10
\end{array}
$$

| $\begin{array}{r} 8 \\ +1 \end{array}$ | $\begin{array}{r} 20 \\ +10 \end{array}$ | $\begin{array}{r} 13 \\ +10 \end{array}$ | 18 +5 | $\begin{array}{r} 12 \\ +11 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| 8 | 2 | 9 | 2 | 20 |
| + 1 | + 0 | + 0 | + 0 | + 12 |
| 16 | 4 | 1 | 8 | 2 |
| + 15 | + 3 | + 0 | + 3 | + 1 |

## STORY PROBLEM:

A bby loves to read! Last week she read 7 books, and this week she read 9 books. How many books has A bby read in the last twow eeks?


## A ddition using values

 between 0 and 20

## STORY PROBLEM:

V ictoria likes to help her mom in the kitchen. Today they are making cupcakes $f$ or the school bake sale, and $V$ ict oria is helping to frost them. If $V$ ictoria frosts 14 cupcakes and her mom frosts $\mathbb{1}$, how many cupcakes are all ready?


## A ddition using values

 betw een 5 and 20| 7 | 15 | 8 |
| ---: | ---: | ---: |
| +5 | +9 | +6 |


| 9 | 7 |
| ---: | ---: |
| +9 | +6 |

$\begin{array}{rr}13 & 11 \\ +9 & +7\end{array}$
$\qquad$
$\qquad$
$\qquad$

$$
17
$$

$+17$
6
7
+5
16
+7
18
$+14$

| 8 | 8 | 13 | 7 | 8 |
| :---: | :---: | :---: | :---: | :---: |
| + 7 | + 8 | + 7 | + 5 | + 6 |
|  |  |  |  |  |
| 16 | 12 | 19 | 8 | 8 |
| + 15 | + 10 | + 10 | + 7 | + 6 |

$$
\begin{array}{r}
12 \\
+10
\end{array}
$$

$$
\begin{array}{r}
19 \\
+10
\end{array}
$$

$$
8
$$

## STORY PROBLEM:

Today is a great day! Shelby's class is going to have 2 turns for recess. The first recess is 15 minutes long, and the second recess is 12 minutes long. How long will Shelby's class spend at recess today?

## REV IEW

Addition using numbers betw een 0 and 20

| 8 | 17 | 18 | 6 | 10 |
| ---: | ---: | ---: | ---: | ---: |
| +5 | +12 | +14 | +3 | +4 |

$$
\begin{array}{r}
10 \\
+1
\end{array}
$$

$$
\begin{array}{r}
14 \\
+8
\end{array}
$$

14
17
$+16$
$\begin{array}{r}2 \\ +1 \\ \hline\end{array}$
$\begin{array}{rr}11 & 8 \\ +5 & +4\end{array}$
1
+0

$$
\begin{array}{r}
19 \\
+3
\end{array}
$$

$$
\begin{array}{r}
9 \\
+3
\end{array}
$$

$\begin{array}{r}11 \\ +9 \\ \hline\end{array}$

$$
\begin{array}{r}
7 \\
+6
\end{array}
$$

$$
\begin{array}{r}
5 \\
+4
\end{array}
$$

$$
\begin{array}{r}
12 \\
+6
\end{array}
$$

$$
\begin{array}{r}
14 \\
+3
\end{array}
$$

| 14 | 14 | 17 | 11 | 16 |
| ---: | ---: | ---: | ---: | ---: |
| +9 | +12 | -13 | - | +8 |



## STORY PR OBLEMS

1 Devin and his dad went to Dad's and Doughnuts today. At the end, they announced that everyone could have more doughnuts if they wanted, and Devin and his dad got in line again. Devin ate 4 doughnuts, and his dad ate 8 doughnuts. How many doughnuts did they eat together?
2. Mrs. Young's class is going on a field trip. She counts 14 kids on one side of the bus and 14 kids on the other side of the bus. How many kids are on the bus?
3. Mrs. Tenney blows her whistle to tell the kids that recess is over. Ten kids line up in one row, and 15 kids line up in the other row. How many kids came to get in line?
4. During the spelling test, Kaden used both sides of his paper. One side had 10 spelling words, and the other side had 8 spelling words. How many total words did Kaden have on his spelling test?
5. Math is Cooper's favorite subject, and he practices his addition a lot at home. This week he did 5 w orksheet pages and last week he did 8 . How many worksheet pages did Cooper do during the last two weeks?
6. J ohn plays tennis on the weekend. He likes to count the number of times he hits the ball. During the first game, J ohn hit the ball 16 times. During the second game, he hit the ball 20 times. How many times did J ohn hit the ball during the two games?


## TEST

Addition using numbers betw een 0 and 20

$$
\begin{array}{r}
18 \\
+2
\end{array}
$$

$$
\begin{array}{r}
4 \\
+3
\end{array}
$$

$$
\begin{array}{r}
1 \\
+0
\end{array}
$$

$$
\begin{array}{r}
13 \\
+11
\end{array}
$$

$$
\begin{array}{r}
1 \\
+0
\end{array}
$$

$$
\begin{array}{rr}
10 & 20 \\
+1 & +16 \\
\hline
\end{array}
$$

$$
\begin{array}{r}
7 \\
+5
\end{array}
$$

$$
\begin{array}{r}
9 \\
+2
\end{array}
$$

$$
\begin{array}{r}
6 \\
+4
\end{array}
$$

$$
\begin{array}{rr}
3 & 2 \\
+2 & +0
\end{array}
$$

$$
\begin{array}{r}
14 \\
+13
\end{array}
$$

$$
\begin{array}{r}
11 \\
+6
\end{array}
$$

$$
\begin{array}{r}
9 \\
+5
\end{array}
$$

| 5 | 20 |
| ---: | ---: |
| +2 | +17 |

$$
\begin{array}{r}
19 \\
+9
\end{array}
$$

$$
20
$$

$$
16
$$

$$
+5
$$

| 20 | 10 |
| ---: | ---: |
| +8 | +3 |


| 13 |
| ---: |
| +3 |


| 10 |
| ---: |
| +9 |

8<br>$\qquad$



YOU DID IT!
You completed "Addition Level 2"
W ay to Go!
$-15-$

