



A STORY OF UNITS



## Mathematics Curriculum



### Grade 2 • MODULE 1

Sums and Differences to 100

# Homework

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Info for parents: <http://bit.ly/eureka2h>

Video tutorials: <http://embarc.online>

Version 3



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**GRADE 2 • MODULE 1**

## Sums and Differences to 100

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Name \_\_\_\_\_

Date \_\_\_\_\_

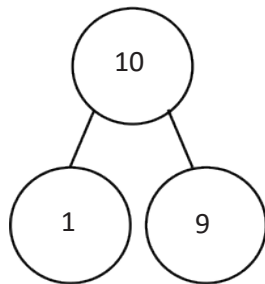
1. Add or subtract. Complete the number bond for each set.

$9 + 1 = \underline{\quad}$

$1 + 9 = \underline{\quad}$

$10 - 1 = \underline{\quad}$

$10 - 9 = \underline{\quad}$

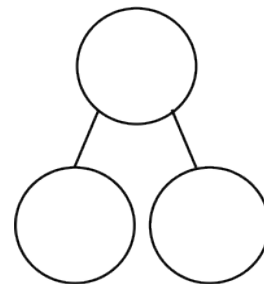


$8 + 2 = \underline{\quad}$

$2 + 8 = \underline{\quad}$

$10 - 2 = \underline{\quad}$

$10 - 8 = \underline{\quad}$



2. Solve. Draw a number bond for each set.

$6 + 4 = \underline{\quad}$

$4 + 6 = \underline{\quad}$

$10 - 4 = \underline{\quad}$

$10 - 6 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

$10 - 7 = \underline{\quad}$

$10 - 3 = \underline{\quad}$

3. Solve.

$10 = 7 + \underline{\quad}$

$10 = 3 + \underline{\quad}$

$10 = 5 + \underline{\quad}$

$10 = 2 + \underline{\quad}$

$10 = \underline{\quad} + 8$

$10 = \underline{\quad} + 4$

$10 = \underline{\quad} + 6$

$10 = \underline{\quad} + 1$

Name \_\_\_\_\_

Date \_\_\_\_\_

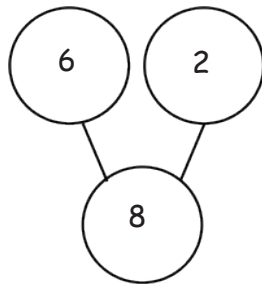
1. Add or subtract. Draw a number bond for (b).

a.  $6 + 2 = \underline{\quad}$

$2 + 6 = \underline{\quad}$

$8 - 2 = \underline{\quad}$

$8 - 6 = \underline{\quad}$



b.  $\underline{\quad} = 3 + 5$

$\underline{\quad} = 5 + 3$

$\underline{\quad} = 8 - 3$

$\underline{\quad} = 8 - 5$

2. Solve.

$20 + 4 = \underline{\quad}$

$\underline{\quad} = 20 + 9$

$40 + 3 = \underline{\quad}$

$\underline{\quad} = 40 + 8$

$70 + 2 = \underline{\quad}$

$\underline{\quad} = 50 + 6$

$80 + 5 = \underline{\quad}$

$\underline{\quad} = 90 + 7$

3. Solve.

$14 = 10 + \underline{\quad}$

$19 = \underline{\quad} + 9$

$23 = 20 + \underline{\quad}$

$29 = \underline{\quad} + 9$

$71 = 70 + \underline{\quad}$

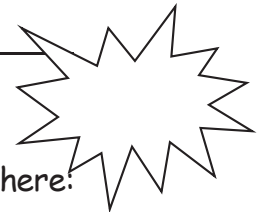
$78 = \underline{\quad} + 8$

$82 = 80 + \underline{\quad}$

$87 = \underline{\quad} + 7$

Name \_\_\_\_\_

Date \_\_\_\_\_

**Number Bond Dash**

Do as many as you can in 90 seconds. Write the number of bonds you finished here:

1.	2.	3.	4.	5.
<div>9</div> <div>8</div> <div></div>	<div>9</div> <div>7</div> <div></div>	<div>9</div> <div>8</div> <div></div>	<div>9</div> <div>7</div> <div></div>	<div>9</div> <div>9</div> <div></div>
6.	7.	8.	9.	10.
<div>9</div> <div></div> <div>6</div>	<div>9</div> <div></div> <div>7</div>	<div>9</div> <div></div> <div>6</div>	<div>9</div> <div></div> <div>5</div>	<div>9</div> <div></div> <div>1</div>
11.	12.	13.	14.	15.
<div>9</div> <div>8</div> <div></div>	<div>9</div> <div>1</div> <div></div>	<div>9</div> <div>7</div> <div></div>	<div>9</div> <div>2</div> <div></div>	<div>9</div> <div>6</div> <div></div>
16.	17.	18.	19.	20.
<div>9</div> <div></div> <div>5</div>	<div>9</div> <div></div> <div>6</div>	<div>9</div> <div></div> <div>7</div>	<div>9</div> <div></div> <div>2</div>	<div>9</div> <div></div> <div>3</div>

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Solve.

a.  $20 + 7 =$  \_\_\_\_\_

b.  $80 - 20 =$  \_\_\_\_\_

$20 + 70 =$  \_\_\_\_\_

$85 - 2 =$  \_\_\_\_\_

$62 + 3 =$  \_\_\_\_\_

$85 - 20 =$  \_\_\_\_\_

$62 + 30 =$  \_\_\_\_\_

$86 - 20 =$  \_\_\_\_\_

c.  $30 + 40 =$  \_\_\_\_\_

d.  $70 - 30 =$  \_\_\_\_\_

$31 + 40 =$  \_\_\_\_\_

$75 - 30 =$  \_\_\_\_\_

$35 + 4 =$  \_\_\_\_\_

$78 - 3 =$  \_\_\_\_\_

$45 + 30 =$  \_\_\_\_\_

$75 - 40 =$  \_\_\_\_\_

2. Solve.

a. $42 + 7 = \underline{\hspace{2cm}}$	b. $24 + 70 = \underline{\hspace{2cm}}$
c. $49 - 2 = \underline{\hspace{2cm}}$	d. $98 - 20 = \underline{\hspace{2cm}}$

3. Solve.

a. $16 + 3 = \underline{\hspace{2cm}}$  $13 + 6 = \underline{\hspace{2cm}}$	b. $37 - 3 = \underline{\hspace{2cm}}$  $37 - 4 = \underline{\hspace{2cm}}$
c. $26 + 70 = \underline{\hspace{2cm}}$  $76 + 20 = \underline{\hspace{2cm}}$	d. $97 - 50 = \underline{\hspace{2cm}}$  $97 - 40 = \underline{\hspace{2cm}}$

Name \_\_\_\_\_

Date \_\_\_\_\_

Solve.

<p>1. <math>8 + 4 = \underline{\quad}</math></p> <p style="margin-left: 40px;">/ 2   2</p> <p style="text-align: right;"><math>8 + 2 = 10</math> <math>10 + 2 = 12</math></p>	<p>2. <math>9 + 7 = \underline{\quad}</math></p>
<p>3. <math>9 + 3 = \underline{\quad}</math></p>	<p>4. <math>8 + 6 = \underline{\quad}</math></p>
<p>5. <math>7 + 6 = \underline{\quad}</math></p>	<p>6. <math>7 + 8 = \underline{\quad}</math></p>
<p>7. <math>8 + 8 = \underline{\quad}</math></p>	<p>8. <math>8 + 9 = \underline{\quad}</math></p>



9. Solve and match.

A  
 $10 + \underline{2} = 12$

$10 + \underline{\quad} = 13$

$10 + \underline{\quad} = 17$

$10 + \underline{\quad} = 15$

$4 + \underline{\quad} = 14$

B  
 $9 + 8 = \underline{\quad}$

$9 + 6 = \underline{\quad}$

$7 + 6 = \underline{\quad}$

$6 + 8 = \underline{\quad}$

$3 + 9 = \underline{12}$

10. Ronnie uses 5 brown bricks and 8 red bricks to build a fort.  
How many bricks does Ronnie use in all?

Ronnie uses            bricks.

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Solve.

a.  $9 + 3 = \underline{\quad}$



b.  $29 + 5 = \underline{\quad}$

c.  $49 + 7 = \underline{\quad}$

d.  $59 + 6 = \underline{\quad}$

e.  $18 + 4 = \underline{\quad}$

f.  $48 + 6 = \underline{\quad}$

g.  $58 + 6 = \underline{\quad}$

h.  $78 + 8 = \underline{\quad}$

2. Solve.

a.  $67 + 5 = \underline{\hspace{2cm}}$

b.  $87 + 6 = \underline{\hspace{2cm}}$

c.  $6 + 59 = \underline{\hspace{2cm}}$

d.  $7 + 78 = \underline{\hspace{2cm}}$

3. Use the RDW process to solve.

There were 28 students at recess. A group of 7 students came outside to join them. How many students are there now?

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Name \_\_\_\_\_

Date \_\_\_\_\_

1. Take out ten.

$\begin{array}{r} 30 \\ / \backslash \\ 20 \quad 10 \end{array}$	40	50
70	60	80

2. Solve.

$10 - 1 = \underline{\quad}$	$10 - 4 = \underline{\quad}$	$10 - 9 = \underline{\quad}$
$10 - 7 = \underline{\quad}$	$10 - 2 = \underline{\quad}$	$10 - 5 = \underline{\quad}$

3. Solve.

$\begin{array}{r} \text{a. } 20 - 9 = \underline{11} \\ / \backslash \\ 10 \quad 10 \end{array}$ $\begin{array}{l} 10 - 9 = 1 \\ 10 + 1 = 11 \end{array}$	$\text{b. } 30 - 9 = \underline{\quad}$
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c. $40 - 8 = \underline{\hspace{2cm}}$	d. $50 - 8 = \underline{\hspace{2cm}}$
e. $60 - 7 = \underline{\hspace{2cm}}$	f. $70 - 7 = \underline{\hspace{2cm}}$
g. $80 - 6 = \underline{\hspace{2cm}}$	h. $90 - 5 = \underline{\hspace{2cm}}$

4. Show how  $10 - 4$  helps you solve  $30 - 4$ .

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Take out ten.

$\begin{array}{r} 17 \\ / \backslash \\ 7 \quad 10 \end{array}$	14	18
13	16	19

2. Solve.

$10 - 2 = \underline{\quad}$	$10 - 7 = \underline{\quad}$	$10 - 6 = \underline{\quad}$
$10 - 5 = \underline{\quad}$	$10 - 8 = \underline{\quad}$	$10 - 9 = \underline{\quad}$

3. Solve.

<p>a. <math>14 - 9 = \underline{\quad}</math></p> $\begin{array}{r} / \backslash \\ 4 \quad 10 \end{array}$ <p style="text-align: right;"><math>10 - 9 = 1</math> <math>1 + 4 = \underline{\quad}</math></p>	b. $15 - 8 = \underline{\quad}$
c. $13 - 7 = \underline{\quad}$	d. $12 - 8 = \underline{\quad}$

Solve.

4. Robert has 16 cups. Some are red. Nine are blue. How many cups are red?

\_\_\_\_\_ cups are red.

5. Lucy spent \$8 on a game. She started with \$14. How much money does Lucy have left?

\_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Take out ten.

$\begin{array}{r} 26 \\ / \backslash \\ 16 \ 10 \end{array}$	34	58
85	77	96

2. Solve.

$10 - 1 = \underline{\quad}$	$10 - 5 = \underline{\quad}$	$10 - 2 = \underline{\quad}$
$10 - 4 = \underline{\quad}$	$10 - 7 = \underline{\quad}$	$10 - 8 = \underline{\quad}$

3. Solve.

a. $13 - 7 = \underline{\quad}$	b. $15 - 8 = \underline{\quad}$
c. $14 - 6 = \underline{\quad}$	d. $16 - 9 = \underline{\quad}$



e.

$$42 - 7 = \underline{\quad}$$

f.

$$54 - 6 = \underline{\quad}$$

g.

$$71 - 5 = \underline{\quad}$$

h.

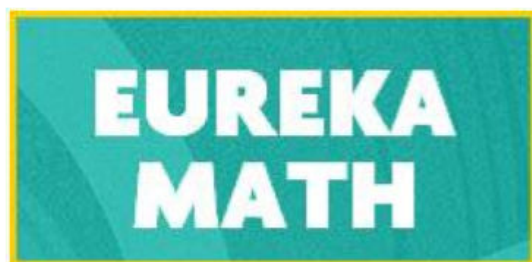
$$92 - 9 = \underline{\quad}$$

4. Emma has 16 markers. She gave Jack some. Seven markers are left. How many markers did Emma give Jack?

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