



A Story of Units

Pleasanton
UNIFIED SCHOOL DISTRICT

Mathematics Curriculum



Grade 2 • MODULE 1

Sums and Differences to 100

Homework

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

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

Version 3



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GRADE 2 • MODULE 1

Sums and Differences to 100

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Name _____

Date _____

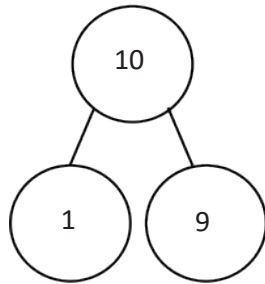
1. Add or subtract. Complete the number bond for each set.

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

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

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

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

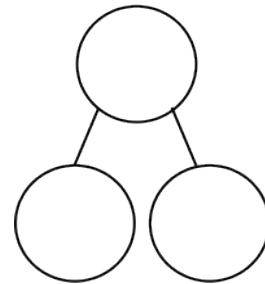


$8 + 2 = \underline{\quad}$

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

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

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



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 _____

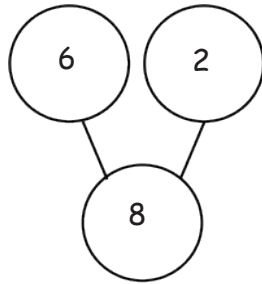
1. Add or subtract. Draw a number bond for (b).

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.

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

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

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

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

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

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

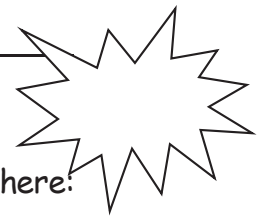
$82 = 80 + \underline{\quad}$

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

Name _____

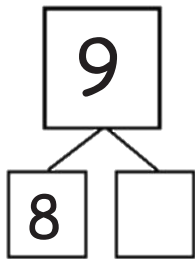
Date _____

Number Bond Dash

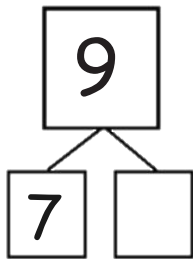


Do as many as you can in 90 seconds. Write the number of bonds you finished here:

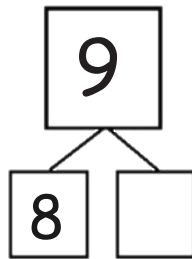
1.



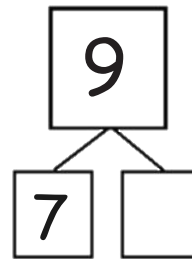
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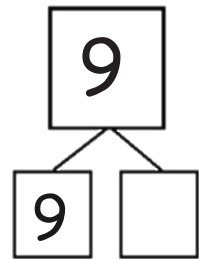
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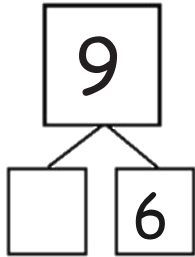
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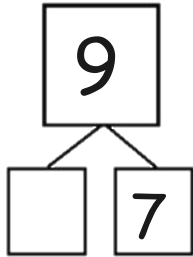
5.



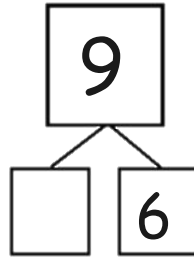
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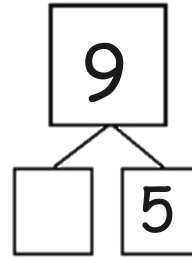
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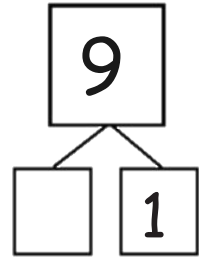
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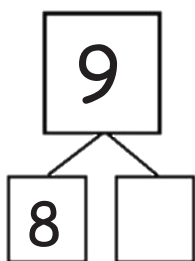
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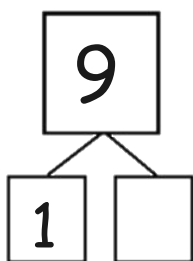
10.



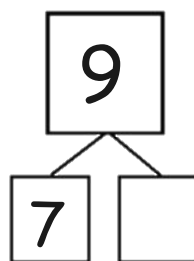
11.



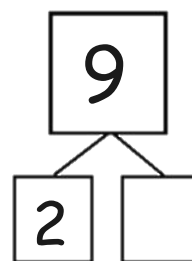
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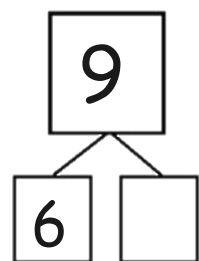
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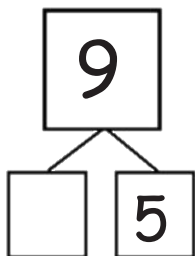
14.



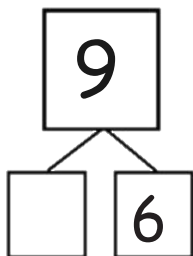
15.



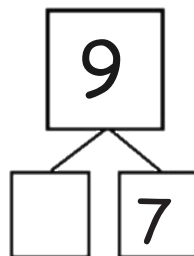
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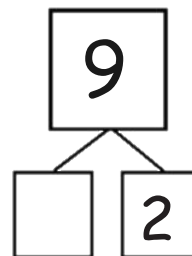
17.



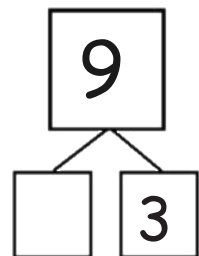
18.



19.



20.



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.

1. $8 + 4 =$ _____ / 2 2 $8 + 2 = 10$ $10 + 2 = 12$	2. $9 + 7 =$ _____
3. $9 + 3 =$ _____	4. $8 + 6 =$ _____
5. $7 + 6 =$ _____	6. $7 + 8 =$ _____
7. $8 + 8 =$ _____	8. $8 + 9 =$ _____

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?

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.

a. $20 - 9 = \underline{11}$ $\begin{array}{r} 20 \\ / \backslash \\ 10 \quad 10 \end{array}$ $10 - 9 = 1$ $10 + 1 = 11$	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.

a. $14 - 9 = \underline{\quad}$ $\begin{array}{r} / \backslash \\ 4 \quad 10 \end{array}$ $10 - 9 = 1$ $1 + 4 = \underline{\quad}$	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?
