



A Story of Units

Pleasanton
UNIFIED SCHOOL DISTRICT

Mathematics Curriculum



Grade 2 • MODULE 1

Sums and Differences to 100

PROBLEM SETS

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

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

Version 3



Table of Contents

GRADE 2 • MODULE 1

Sums and Differences to 100

Module Overview	2
Topic A: Foundations for Fluency with Sums and Differences Within 100	17
Topic B: Initiating Fluency with Addition and Subtraction Within 100	45
End-of-Module Assessment and Rubric	110
Answer Key	117

Name _____

Date _____

1. Solve.

a. $30 + 6 =$ _____

b. $50 - 30 =$ _____

$30 + 60 =$ _____

$51 - 30 =$ _____

$35 + 40 =$ _____

$57 - 4 =$ _____

$35 + 4 =$ _____

$57 - 40 =$ _____

2. Solve.

a. $24 + 5 =$ _____

b. $24 + 50 =$ _____

c. $78 - 3 =$ _____

d. $78 - 30 =$ _____

3. Solve.

a. $38 + 10 = \underline{\hspace{2cm}}$ $18 + 30 = \underline{\hspace{2cm}}$	b. $35 - 10 = \underline{\hspace{2cm}}$ $35 - 20 = \underline{\hspace{2cm}}$
c. $56 + 40 = \underline{\hspace{2cm}}$ $46 + 50 = \underline{\hspace{2cm}}$	d. $75 - 40 = \underline{\hspace{2cm}}$ $75 - 30 = \underline{\hspace{2cm}}$

4. Compare $57 - 2$ to $57 - 20$. How are they different? Use words, drawings, or numbers to explain.

Extension!

5. Andy had \$28. He spent \$5 on a book.

Lisa had \$20 and got \$3 more.

Lisa says she has more money.

Prove her right or wrong using pictures, numbers, or words.

Name _____

Date _____

Solve.

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

Solve.

9.

$10 + \underline{\quad\quad} = 12$

$$9 + \underline{\quad} = 12$$

10.

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

$9 + \underline{\quad} = 13$

11.

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

$8 + \underline{\quad} = 14$

12.

$10 + \underline{\quad\quad} = 16$

$7 + \underline{\quad} = 16$

13. Lisa has 2 blue beads and 9 purple beads. How many beads does Lisa have in all?

Lisa has _____ beads in all.

14. Ben had 8 pencils and bought 5 more. How many pencils does Ben have altogether?

Name _____

Date _____

1. Solve.

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



b. $19 + 3 = \underline{\quad}$

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

d. $38 + 7 = \underline{\quad}$

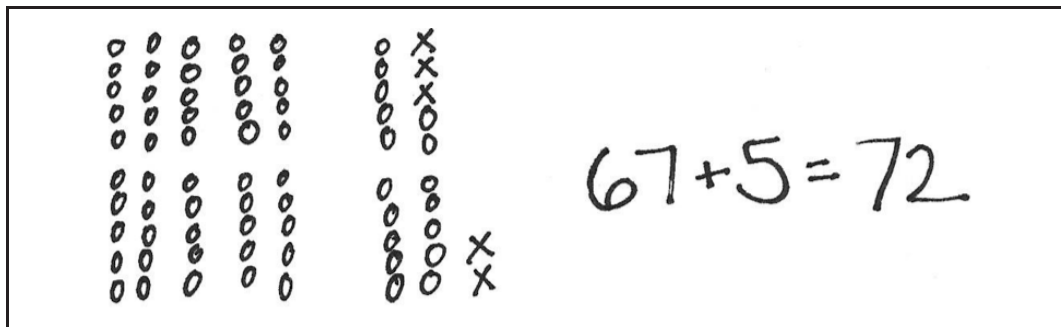
e. $37 + 5 = \underline{\quad}$

f. $57 + 6 = \underline{\quad}$

g. $6 + 68 = \underline{\quad}$

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

2. Maria solved $67 + 5$ as shown. Show Maria a faster way to solve $67 + 5$.



3. Use the RDW process to solve.

Jessa collected 78 shells on the beach.
 Susan collected 6 more shells than Jessa.
 How many shells did Susan collect?

Name _____

Date _____

1. Solve.

<p>a. $20 - 9 = \underline{\quad}$</p> <p style="margin-left: 40px;">/ 10 10</p> <p style="margin-left: 180px;">$10 - 9 = 1$</p> <p style="margin-left: 180px;">$10 + 1 = 11$</p>	<p>b. $30 - 9 = \underline{\quad}$</p>
<p>c. $20 - 8 = \underline{\quad}$</p>	<p>d. $30 - 7 = \underline{\quad}$</p>
<p>e. $40 - 7 = \underline{\quad}$</p>	<p>f. $50 - 6 = \underline{\quad}$</p>
<p>g. $80 - 6 = \underline{\quad}$</p>	<p>h. $90 - 5 = \underline{\quad}$</p>

i. $70 - 4 = \underline{\quad}$

j. $60 - 2 = \underline{\quad}$

2. Fill in the number bond and solve.

$90 - 9 = \underline{\quad}$



$\underline{\quad}$ $\underline{\quad}$

3. Show how $10 - 6$ helps you solve $50 - 6$.

4. Carla has 70 paper clips.

She gives 6 away.

How many paper clips does Carla have left?

Carla has $\underline{\quad}$ paper clips left.

Name _____

Date _____

1. Solve.

a. $11 - 9 = \underline{\quad}$ $\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$ 1 10	b. $12 - 9 = \underline{\quad}$	c. $13 - 9 = \underline{\quad}$
d. $11 - 8 = \underline{\quad}$	e. $12 - 8 = \underline{\quad}$	f. $13 - 8 = \underline{\quad}$
g. $11 - 7 = \underline{\quad}$	h. $12 - 7 = \underline{\quad}$	i. $13 - 7 = \underline{\quad}$

2. Solve.

a. $14 - 6 = \underline{\quad}$	b. $11 - 5 = \underline{\quad}$	c. $16 - 7 = \underline{\quad}$
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Solve.

3. Shane has 12 pencils. He gives some pencils to his friends. Now, he has 7 left. How many pencils did he give away?

4. Victoria gave 6 celery sticks to her mom. She started with 13. How many celery sticks does she have left?

Name _____

Date _____

1. Solve.

a. $12 - 9 = \underline{\quad}$ / 2 10	b. $22 - 9 = \underline{\quad}$	c. $42 - 9 = \underline{\quad}$
d. $13 - 8 = \underline{\quad}$	e. $23 - 8 = \underline{\quad}$	f. $53 - 8 = \underline{\quad}$
g. $14 - 6 = \underline{\quad}$	h. $24 - 6 = \underline{\quad}$	i. $84 - 6 = \underline{\quad}$

2. Solve.

a. $24 - 9 = \underline{\quad}$	b. $36 - 7 = \underline{\quad}$	c. $53 - 6 = \underline{\quad}$
d. $42 - 8 = \underline{\quad}$	e. $61 - 5 = \underline{\quad}$	f. $85 - 8 = \underline{\quad}$

3. Mrs. Watts had 17 tacos. The children ate some. Nine tacos were left. How many tacos did the children eat?
