

Eureka Math™

Grade 2 Module 1

Student File_A

Student Workbook

This file contains:

- G2-M1 Problem Sets¹
- G2-M1 Homework

¹Note that Lesson 1 and Lesson 2 of this module do not include Problem Set pages.

Published by Great Minds®.

Copyright © 2015 Great Minds. No part of this work may be reproduced, sold, or commercialized, in whole or in part, without written permission from Great Minds. Non-commercial use is licensed pursuant to a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 license; for more information, go to <http://greatminds.net/maps/math/copyright>.

Printed in the U.S.A.

This book may be purchased from the publisher at eureka-math.org

10 9 8 7 6 5 4 3 2

G2-M1-SFA-1.3.1-05.2015

Name _____

Date _____

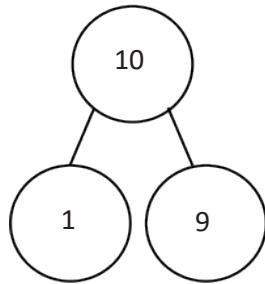
1. Add or subtract. Complete the number bond for each set.

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

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

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

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

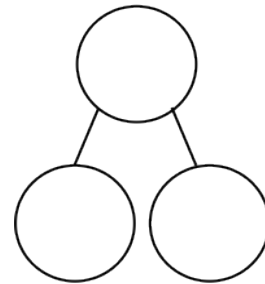


$8 + 2 = \underline{\quad}$

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

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

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



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 _____

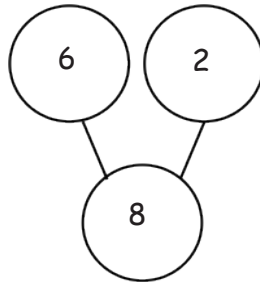
1. Add or subtract. Draw a number bond for (b).

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.

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

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

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

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

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

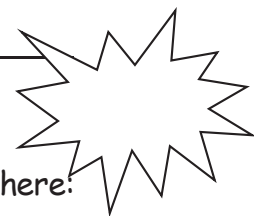
$78 = \underline{\quad} + 8$

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

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

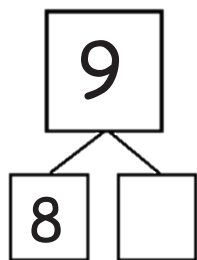
Name _____

Date _____

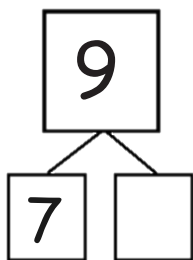
**Number Bond Dash**

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

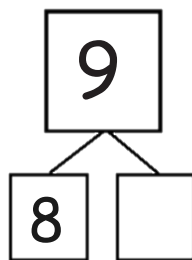
1.



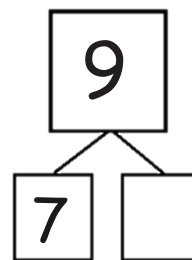
2.



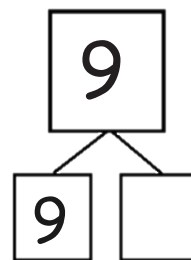
3.



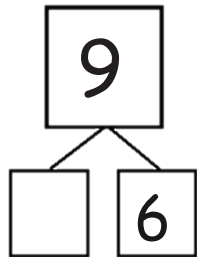
4.



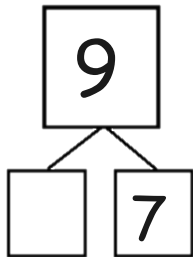
5.



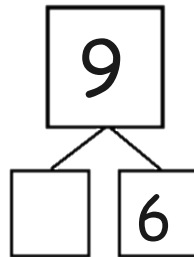
6.



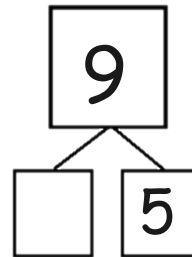
7.



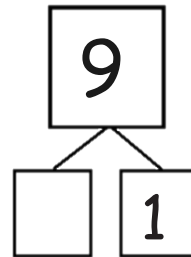
8.



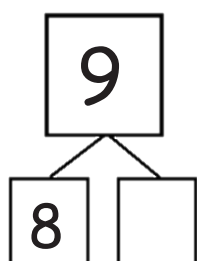
9.



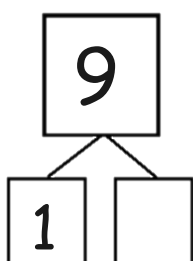
10.



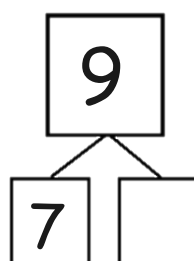
11.



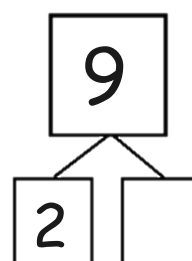
12.



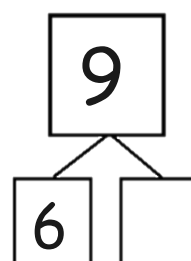
13.



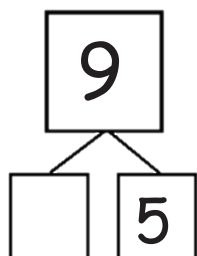
14.



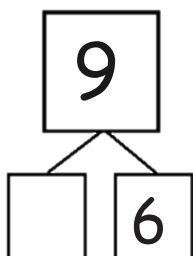
15.



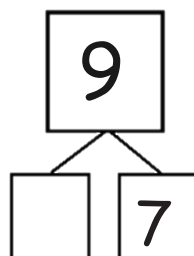
16.



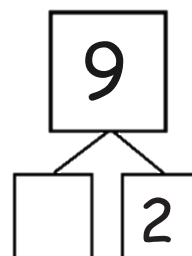
17.



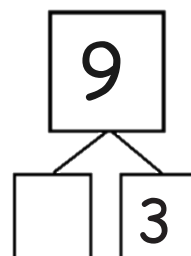
18.



19.



20.



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 _____

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. $9 + 3 =$ _____	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.

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

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

12.

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

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

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 _____

Solve.

1. $8 + 4 = \underline{\quad}$ / 2 2 $8 + 2 = 10$ $10 + 2 = 12$	2. $9 + 7 = \underline{\quad}$
3. $9 + 3 = \underline{\quad}$	4. $8 + 6 = \underline{\quad}$
5. $7 + 6 = \underline{\quad}$	6. $7 + 8 = \underline{\quad}$
7. $8 + 8 = \underline{\quad}$	8. $8 + 9 = \underline{\quad}$

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

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

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

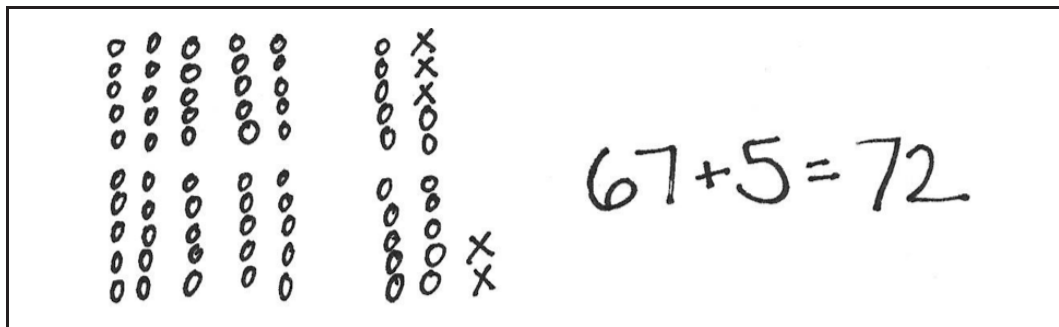
e. $37 + 5 = \underline{\quad}$

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.

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. Solve.

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

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. 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.

$\begin{array}{r} \text{a. } 20 - 9 = \underline{11} \\ / \backslash \\ 10 \quad 10 \end{array}$ $\begin{array}{l} 10 - 9 = 1 \\ 10 + 1 = 11 \end{array}$	$\text{b. } 30 - 9 = \underline{\quad}$
---	---

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. Solve.

a. $11 - 9 = \underline{\quad}$ $\begin{array}{r} 10 \\ 1 \end{array}$	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. $16 - 7 = \underline{\quad}$
------------------------------------	------------------------------------	------------------------------------

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. 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. 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?

Name _____

Date _____

1. Take out ten.

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

2. Solve.

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

3. Solve.

a. $13 - 7 = \underline{\hspace{2cm}}$	b. $15 - 8 = \underline{\hspace{2cm}}$
c. $14 - 6 = \underline{\hspace{2cm}}$	d. $16 - 9 = \underline{\hspace{2cm}}$

e.

$$42 - 7 = \underline{\hspace{2cm}}$$

f.

$$54 - 6 = \underline{\hspace{2cm}}$$

g.

$$71 - 5 = \underline{\hspace{2cm}}$$

h.

$$92 - 9 = \underline{\hspace{2cm}}$$

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