SUBTRACTION

★MATH JOURNAL

Subtraction Concepts Covered:

- Word problems (take away/result unknown, take away/change unknown, take away/start unknown, compare/how many more/difference unknown, compare/how many more/smaller # unknown, compare/how many fewer/difference unknown, compare/how many fewer/bigger # unknown, compare/how many fewer/smaller # unknown, etc.)
- Count back to subtract
- Subtract on # line

MATH JOURNAL

- Balanced equations
- Find unknown minuend
- Find unknown subtrahend
- Identify true and false subtraction facts
- Generate true and false subtraction facts
- Generate facts given the difference
- Write about subtraction strategies

1st Grade Math Journal: Subtraction

CODE	SKILLS	USED
1S	Word problem; take away (result unknown)	
2S	Word problem; take away (result unknown)	
3S	Word problem; take away (result unknown)	
4S	Word problem; take away (change unknown)	
5S	Word problem; take away (change unknown)	
6S	Word problem; take away (start unknown)	
7S	Word problem; take away (start unknown)	
8S	Word problem; compare (How many more?)-Difference Unknown	
9S	Word problem; compare (How many more?)-Difference Unknown	
10S	Word problem; compare (How many fewer?)-Difference Unknown	
11S	Word problem; compare (How many more?)-Bigger # Unknown	
12S	Word problem; compare (How many fewer?)-Bigger # Unknown	
13S	Word problem; compare (How many more?)-Smaller # Unknown	
14S	Word problem; compare (How many fewer?)-Smaller # Unknown	
15S	Word problem; take away (change unknown)	
16S	Word problem; change unknown; count back to subtract	
17S	Illustrate a subtraction fact	
18S	Given a picture, write a subtraction fact to describe it; write to explain thinking	
19S	2 less than 3 is ____; write a number sentence	
20S	Use a number line to solve a subtraction problem (starting & ending point known)	

1st Grade Math Journal: Subtraction

CODE	SKILLS	USED
21S	Use the number line to solve a subtraction fact	
22S	Use a picture to determine the subtraction fact shown	
23S	Given the difference, generate a subtraction fact	
24S	Given the difference, generate a subtraction fact	
25S	Write a subtraction fact that is true and one that is false	
26S	Given a set of subtraction facts, determine the ones that are true and false	
27S	Fill in the subtrahend to make the number sentence true	
28S	Fill in the subtrahend to make the number sentence false	
29S	Given 3 differences, fill in the minuend and subtrahend	
30S	Balanced equation; fill in the missing subtrahend on one side	
31S	Agree/Disagree: Write about 9-2 vs. 2-9	
32S	Agree/Disagree: Subtraction & addition relationships	

MATH JOURNAL

Cameron has 10 pennies. He puts 4 in the candy machine. How many pennies does Cameron have now? Draw a picture to show your answer. Write a number sentence!

© ERIN WATERS

18 __/__/__

___ - ___ = ___

___ pennies

MATH JOURNAL

Cash has 8 baseball cards. He gives 2 to David. How many baseball cards does Cash have left? Draw a picture to show your answer. Write a number sentence!

2S __/__/__

___ - ___ = ___

___ cards

© ERIN WATERS

MATH JOURNAL

Carrie has 3 teddy bears. She gives 1 to Mila. How many teddy bears does Carrie have now? Draw a picture to show your answer. Write a number sentence!

3S __/__/__

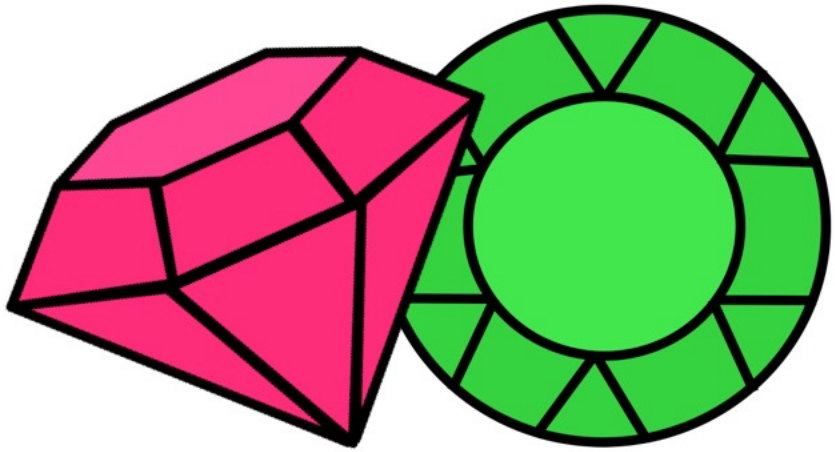
_____ - _____ = _____

_____ bears

© ERIN WATERS

MATH JOURNAL

Luca has 9 gems. She buries some in the sand. Now, she has 4 gems. How many gems did Luca bury? Draw a picture to show your answer. Write a number sentence!



© ERIN WATERS

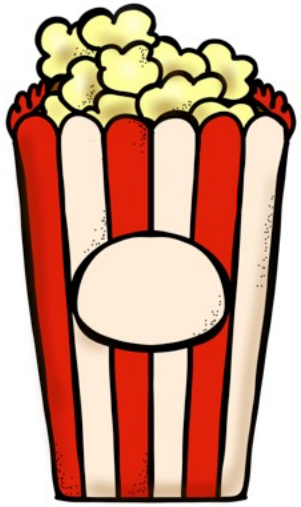
4S __/__/__

___ - ___ = ___

___ gems

MATH JOURNAL

Jamie is at the movies. She has 8 pieces of popcorn. Silas eats some. Jamie has 4 pieces left. How many pieces did Silas eat? Draw a picture to show your answer. Write a number sentence!



55 __/__/__

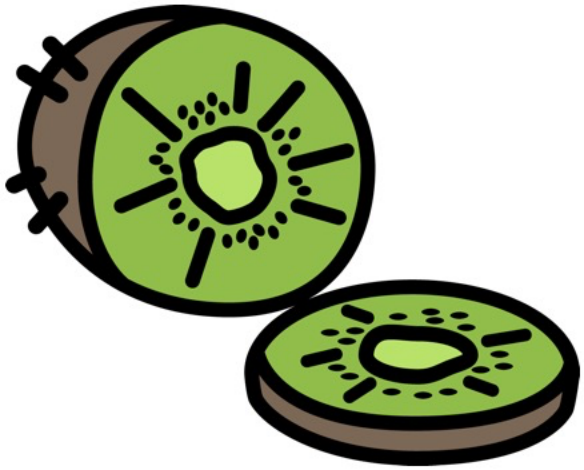
___ - ___ = ___

___ pieces

© ERIN WATERS

MATH JOURNAL

Jaden has some kiwis. He eats 6, then there are 2 left. How many kiwis did Jaden have to begin? Draw a picture to show your answer. Write a number sentence!



6S __/__/__

___ - ___ = ___

___ kiwis

© ERIN WATERS

MATH JOURNAL

Jimmy has a sleepover with friends. 4 of them fall asleep. 3 are still awake. How many kids are there in all? Draw a picture to show your answer. Write a number sentence!

© ERIN WATERS

7S __/__/__

___ - ___ = ___

___ kids

MATH JOURNAL

Frankie can hang upside down for 10 seconds. Malia can hang for 7 seconds. How many more seconds can Frankie hang than Malia? Draw a picture to show your answer. Write a number sentence!

8S __/__/__

_____ - _____ = _____

_____ more seconds

© ERIN WATERS

MATH JOURNAL

Beau brings cupcakes to school for his birthday. Kim eats 3 and Pete eats 5. How many more cupcakes did Pete eat than Kim? Draw a picture to show your answer. Write a number sentence!

9S __/__/__

____ - ____ = ____

____ cupcakes

© ERIN WATERS

MATH JOURNAL

Lilly hits 8 tennis balls with her racket. Eddie hits 5 balls. How many fewer balls did Eddie hit than Lilly? Draw a picture to show your answer. Write a number sentence!

10S __ /__ /__

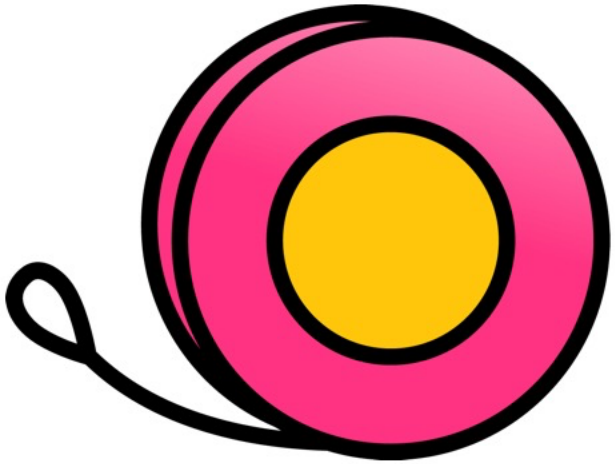
___ - ___ = ___

___ fewer balls

© ERIN WATERS

MATH JOURNAL

Carly has 5 more yo-yo's than Asa. Asa has 4 yo-yo's. How many yo-yo's does Carly have? Draw a picture to show your answer. Write a number sentence!



11S __ /__ /__

___ - ___ = ___

___ yo-yo's

© ERIN WATERS

MATH JOURNAL

Colin has 7 fewer muffins than Bret. Bret has 11 muffins. How many muffins does Colin have? Draw a picture to show your answer. Write a number sentence!

12S __/__/__

____ - ____ = ____

____ muffins

© ERIN WATERS

MATH JOURNAL

Callie has 2 more marshmallows than Julia. Callie has 5 marshmallows. How many marshmallows does Julia have? Draw a picture to show your answer. Write a number sentence!

© ERIN WATERS

13S __ /__ /__

___ - ___ = ___

___ marshmallows

MATH JOURNAL

Aadhya has 3 fewer books than Callum. Aadhya has 9 books. How many books does Callum have? Draw a picture to show your answer. Write a number sentence!

14S __/__/__

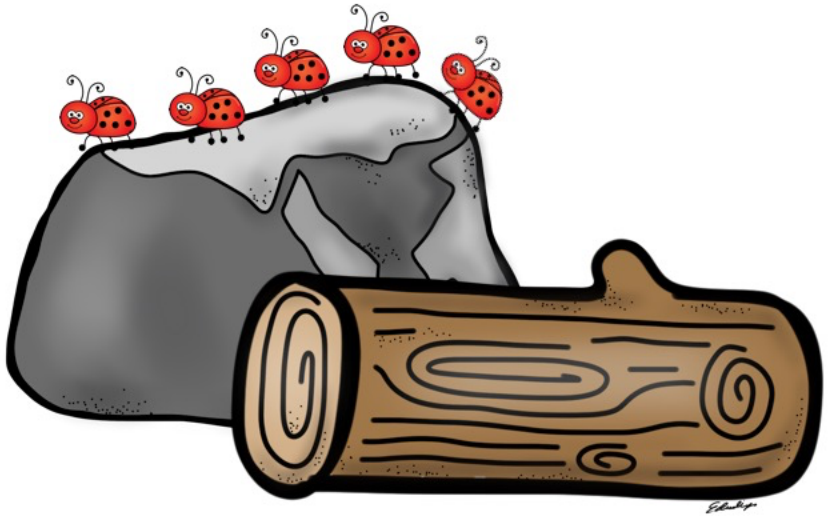
___ - ___ = ___

___ books

© ERIN WATERS

MATH JOURNAL

There are 14 bugs in all. 5 are on the rock. The rest are in the log. How many bugs are in the log? Draw a picture and write a number sentence to show your answer.



© ERIN WATERS

15S __/__/__

___ - ___ = ___

___ bugs

MATH JOURNAL

Jason has 9 gumballs. He gives some to Samira. Now, Jason has 2 gumballs. How many did he give to Samira? Count back from 9 until you reach 2 to find your answer.

© ERIN WATERS

16S __ /__ /__

9...

____, ____, ____,

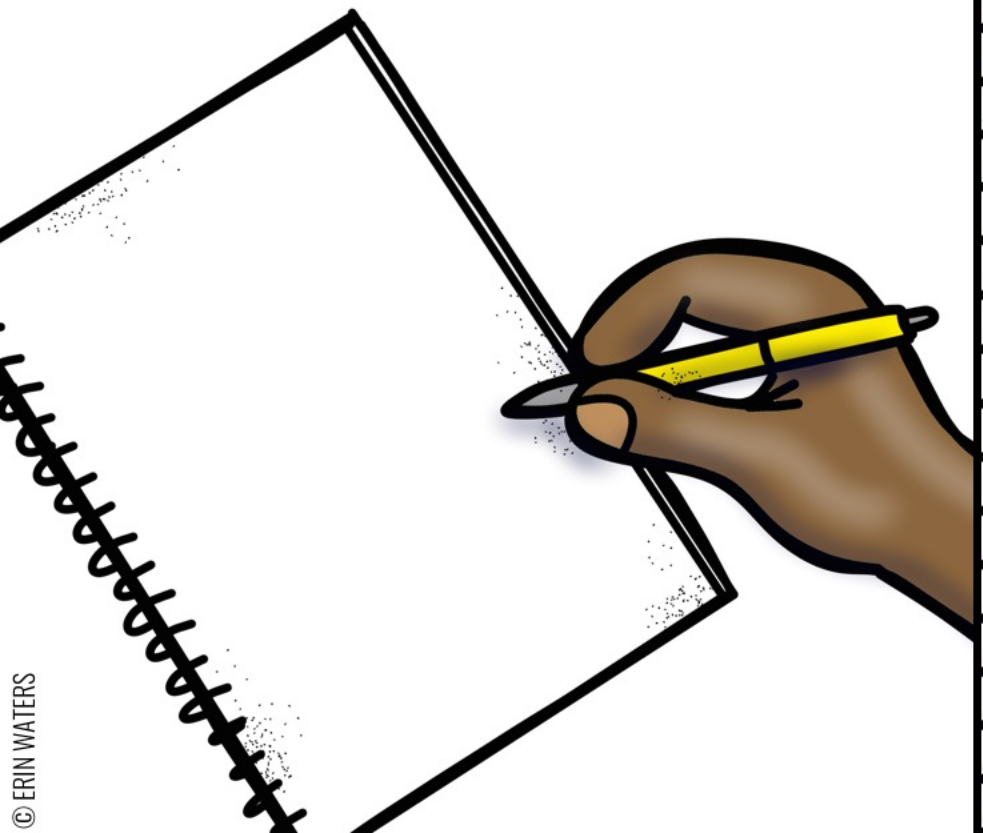
____, ____, ____,

____,

He gave away ___ gumballs.

MATH JOURNAL

Draw a picture that shows 15-6=9.



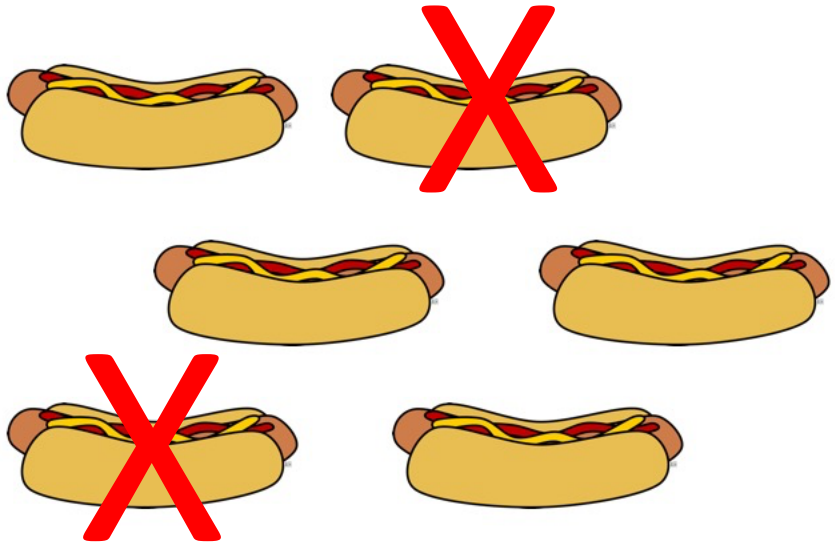
© ERIN WATERS

17S __/__/__

15 - 6 = 9

MATH JOURNAL

What subtraction sentence does this picture show? How do you know?



18S __/__/__

It shows ___ - ___ = ___

I know this because

© ERIN WATERS

MATH JOURNAL

Write the sentence below. Then, write the number sentence it describes.

2 less than 3 is ___

19S __/__/__

2 less than 3

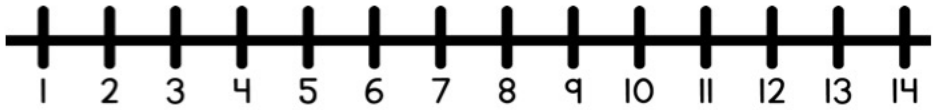
is _____

___ - ___ = ___

© ERIN WATERS

MATH JOURNAL

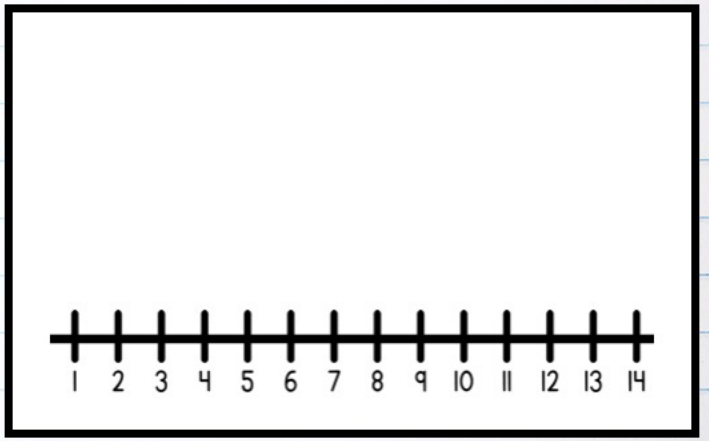
Amari was using a number line to solve a math problem. He started at 12 and stopped at 7. Write a number sentence to show what problem Amari was solving. Draw to explain.



© ERIN WATERS

20S ___/___/___

___ - ___ = ___

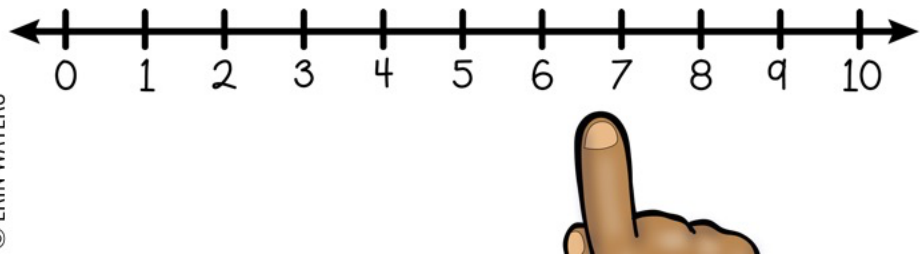


MATH JOURNAL

Copy the number line below. Use the number line to solve

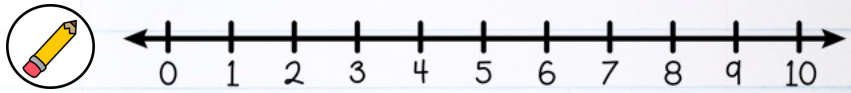
7 - 4 = ___

Write about how you used the number line to solve, and use your pencil to show how you count up on the number line to solve.



© ERIN WATERS

21S ___ /___ /___



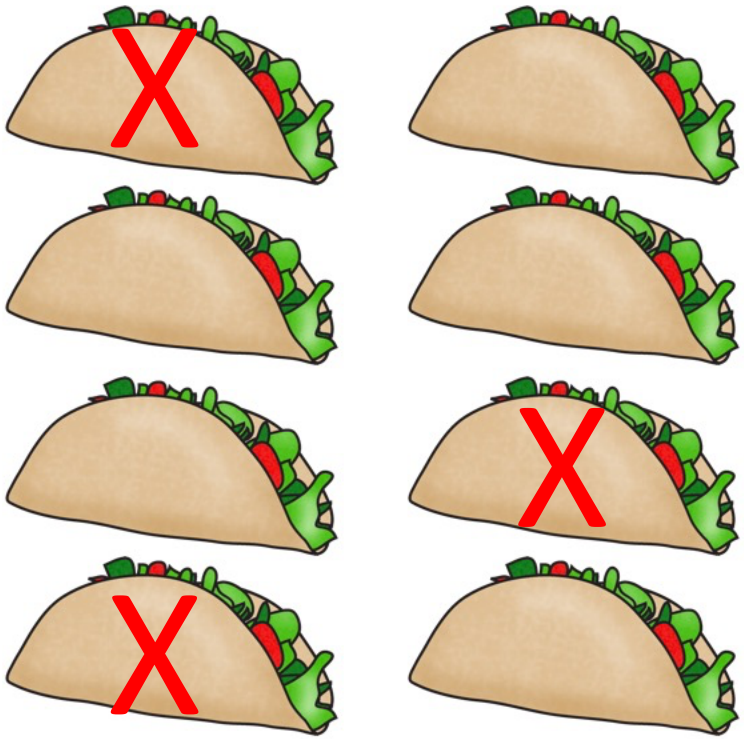
I used the number line to solve by ____

_____

_____

MATH JOURNAL

What subtraction sentence is shown in this picture? How do you know?



22S __/__/__

_____ - _____ = _____

I know this because

_____

_____

_____

© ERIN WATERS

MATH JOURNAL

Write a subtraction sentence whose answer is 6. Draw a picture to go along with it.

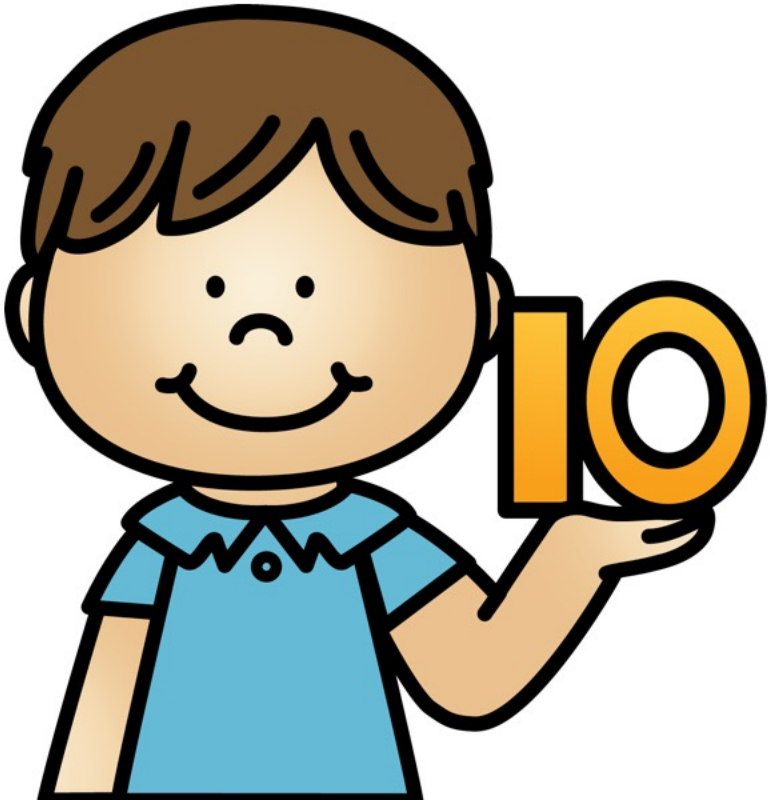
23S __/__/__

___ - ___ = 6

© ERIN WATERS

MATH JOURNAL

Write a subtraction sentence whose answer is 10. Draw a picture to go along with it.



© ERIN WATERS

24S

__ /__ /__

___ - ___ = 10

MATH JOURNAL

Write one subtraction sentence that is true. Write one that is false. ~~Cross out~~ the false sentence.

25S __/__/__

True:

___ - ___ = ___

False

___ - ___ = ___

© ERIN WATERS

MATH JOURNAL

Write the number sentences below. ~~Cross out~~ the ones that are false. Circle the ones that are true.

10 - 2 = 8

6 - 4 = 12

10 - 5 = 5

8 - 6 = 3

26S __ / __ / __

10 - 2 = 8

6 - 4 = 12

10 - 5 = 5

8 - 6 = 3

© ERIN WATERS

MATH JOURNAL

Fill in the missing number to make this number sentence true. Draw a picture to check your answer.

$8 - \_\_ = 6$

© ERIN WATERS

27S __/__/__

$8 - \_\_ = 6$

MATH JOURNAL

Fill in the missing number to make this number sentence false.

Draw a picture to check your answer.

$$12 - \_\_ = 5$$

28S __/__/__

12 - ___ = 5

© ERIN WATERS

MATH JOURNAL

Fill in a fact for each difference.

___ - ___ = 5

___ - ___ = 3

___ - ___ = 6

29S ___/___/___

___ - ___ = 5

___ - ___ = 3

___ - ___ = 6

© ERIN WATERS

MATH JOURNAL

Write the missing number that makes the equation true.

$8 - 2 = 10 - \underline{\quad ? \quad}$

30S

__ /__ /__

$8 - 2 = 10 - \underline{\quad}$

© ERIN WATERS

MATH JOURNAL

Do you agree or disagree with this statement? Why? Draw and write to explain.

9-2 is the same as 2-9.

© ERIN WATERS

31S __/__/__

I agree/disagree because _____

_____

_____

MATH JOURNAL

Do you agree or disagree with this statement? Why? Draw to show your proof.

Knowing my addition facts can help me subtract.

© ERIN WATERS

32S __/__/__

I agree/disagree because _____

_____

_____