Name _____ Date _____

Guess the Output

Homework
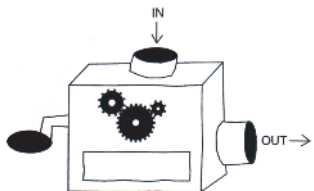
Dear Family Member:

In class, your child played a game called Guess My Rule. In this game, students are told the rule and the input. Help your child figure out the output. Your child may use coins or other counters and the *100 Chart* in the *Student Activity Book* Reference section.

Thank you.

IN ↓

OUT →

A.

Rule: Subtract 1	
Input	**Output**
30	
20	
10	
25	

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Name _____ Date _____

B.

Rule: Add 5	
Input	**Output**
15	
25	
35	
45	

C.

Rule: Add ten	
Input	**Output**
13	
28	
37	
49	

D.

Rule: Add three	
Input	**Output**
7	
2	
16	
13	

E. Circle the odd numbers in the Output column in Question D. What do you notice?

Homework Master

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Teacher Guide

Guess the Output (TG pp. 1–2)
Homework
Questions A–E

A. 29
19
9
24

B. 20
30
40
50

C. 23
38
47
59

D. 10
⑤
⑲
16

E. An odd number plus an odd number makes an even number, an even number plus an odd number makes an odd number.

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Unit 12: Home Practice

Part 1 Addition Flash Cards: Group A

Take home your Addition Flash Cards: Group A. Ask a family member to choose one flash card at a time for you to solve. Sort the flash cards into three piles: Facts I Know Quickly, Facts I Can Figure Out, and Facts I Need to Learn. Clip the cards in the Facts I Know Quickly pile together and place them back into the envelope. Practice the facts in the last two piles again.
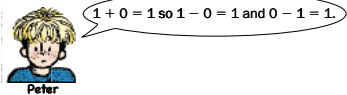
Part 2 Fact Families: Group A

Write the fact family for each fact.

A. 3 + 1 = _____

_____
_____
_____

B. 4 + 2 = _____

_____
_____
_____

C. 3 + 2 = _____

_____
_____
_____

D. 2 + 2 = _____

_____
_____
_____

E. Do you agree with Peter? Why or why not?

1 + 0 = 1 so 1 − 0 = 1 and 0 − 1 = 1.

Peter

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Part 2. Fact Families: Group A (TG p. 1)
Questions A–E

A. $3 + 1 = 4$ **B.** $4 + 2 = 6$
　　$1 + 3 = 4$　　　　$2 + 4 = 6$
　　$4 - 1 = 3$　　　　$6 - 4 = 2$
　　$4 - 3 = 1$　　　　$6 - 2 = 4$

C. $3 + 2 = 5$ **D.** $2 + 2 = 4$
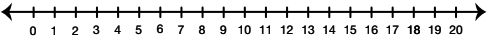　　$2 + 3 = 5$　　　　$4 - 2 = 2$
　　$5 - 2 = 3$
　　$5 - 3 = 2$

E. Responses will vary. Peter got one of the fact families correct but $0 - 1$ does not equal 1. If you have nothing you cannot take one away from it. You would actually have one less than zero.

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Name _____ Date _____

Part 3 Addition Facts to Practice

A. 2 + 1 = ☐   **B.** 0 + 2 = ☐

C. ☐ = 2 + 2   **D.** 1 + 1 = ☐

E. 0 + 1 = ☐   **F.** ☐ = 3 + 1

G. ☐ = 4 + 2   **H.** 3 + 2 = ☐

I. 2 + 4 = ☐   **J.** ☐ = 1 + 2

K. Show or tell how you solved Question G.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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Part 3. Addition Facts to Practice (TG p. 2)
Questions A–K

A. 3   **B.** 2
C. 4   **D.** 2
E. 1   **F.** 4
G. 6   **H.** 5
I. 6   **J.** 3

K. Answers will vary. Possible response: I counted on 4, 5, 6, so $4 + 2 = 6$.