

**Teacher Guide**


**Mass Hunt (TG)**

**Homework**

Answers will vary.

Name \_\_\_\_\_ Date \_\_\_\_\_

**Mass Hunt**

 **Homework**

Dear Family Member:

Your child is learning to find and compare the masses (weights) of objects. Help your child search for two small objects at home that have similar masses (weights), but different shapes or sizes. (Note: Objects that have the same weight will also have the same mass.)

Thank you.

**Draw the objects below. Tell how you predicted they have the same mass.**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Bring the two objects to school. Check your prediction using the two-pan balance.**

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Part 2. Fact Family Practice (TG p. 1)  
Questions A–F

- |      |       |      |
|------|-------|------|
| A. 7 | B. 10 | C. 9 |
| 9    | 17    | 8    |
| 9    | 7     | 17   |
| 16   | 7     | 8    |
| D. 9 | E. 10 | F. 6 |
| 18   | 10    | 6    |
|      | 15    | 6    |
|      | 15    | 6    |

Name \_\_\_\_\_ Date \_\_\_\_\_

Unit 8: Home Practice

Part 1 Addition Flash Cards: Group F

Take home your Triangle Flash Cards: Group F. 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. Update your *Addition Facts I Know* chart. 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 Family Practice

- |                       |                       |                       |
|-----------------------|-----------------------|-----------------------|
| A. $9 + \square = 16$ | B. $\square + 7 = 17$ | C. $\square + 8 = 17$ |
| $7 + \square = 16$    | $\square - 10 = 7$    | $\square + 9 = 17$    |
| $16 - \square = 7$    | $\square + 10 = 17$   | $\square - 9 = 8$     |
| $\square - 7 = 9$     | $17 - \square = 10$   | $17 - \square = 9$    |
| D. $9 + \square = 18$ | E. $\square + 5 = 15$ | F. $8 + \square = 14$ |
| $\square - 9 = 9$     | $15 - 5 = \square$    | $14 - \square = 8$    |
|                       | $\square - 10 = 5$    | $\square + 8 = 14$    |
|                       | $5 + 10 = \square$    | $14 - 8 = \square$    |

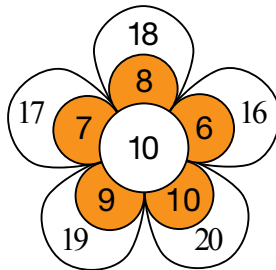
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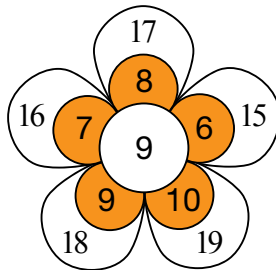
Part 3. Sum Patterns (TG p. 2)  
Questions 1–3

1.



- |                |
|----------------|
| $10 + 8 = 18$  |
| $10 + 6 = 16$  |
| $10 + 10 = 20$ |
| $10 + 9 = 19$  |
| $10 + 7 = 17$  |

2.



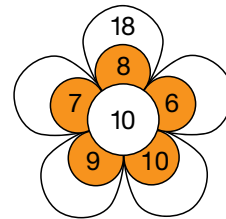
- |               |
|---------------|
| $9 + 8 = 17$  |
| $9 + 6 = 15$  |
| $9 + 10 = 19$ |
| $9 + 9 = 18$  |
| $9 + 7 = 16$  |

3. Possible response: The small petals have the same numbers. The center is different by 1. The sums in Question 2 are 1 smaller than the sums in Question 1.

Name \_\_\_\_\_ Date \_\_\_\_\_

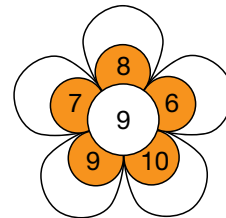
Part 3 Sum Patterns

1. Add to find the outside numbers. Write number sentences.



- |               |
|---------------|
| $10 + 8 = 18$ |
| _____         |
| _____         |
| _____         |
| _____         |

2. Add to find the outside numbers. Write number sentences.



- |       |
|-------|
| _____ |
| _____ |
| _____ |
| _____ |
| _____ |

3. Read and discuss these questions with a family member. Look at the two flowers. What is the same about them? What is different? What pattern do you see in the outside petals?

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