

# Unit 4: Home Practice

## Part 1 Addition Flash Cards: Group E

Take home your *Triangle Flash Cards: Group E*. 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 Addition Facts Practice

List and solve the other facts in the fact families.

A.  $8 + 4 = \square$

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B.  $12 - 9 = \square$

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C.  $12 - 5 = \square$

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D.  $9 + 4 = \square$

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E.  $\square + 5 = 13$

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F.  $9 + 5 = \square$

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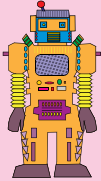
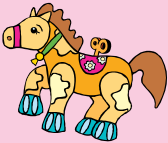

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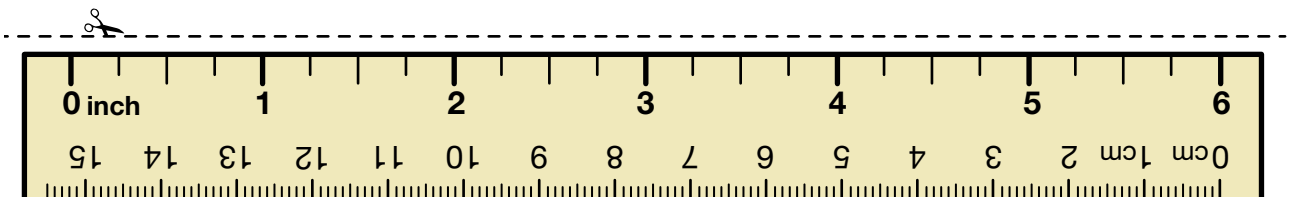
**Part 3 Measurement Problems**

Fern tested all of her wind-up toys to see how far they could walk before stopping. She wrote down the distances.

1. Help Fern draw lines so she can sort the lengths by size. Start at the point. You will need a 12-inch ruler and a centimeter ruler.

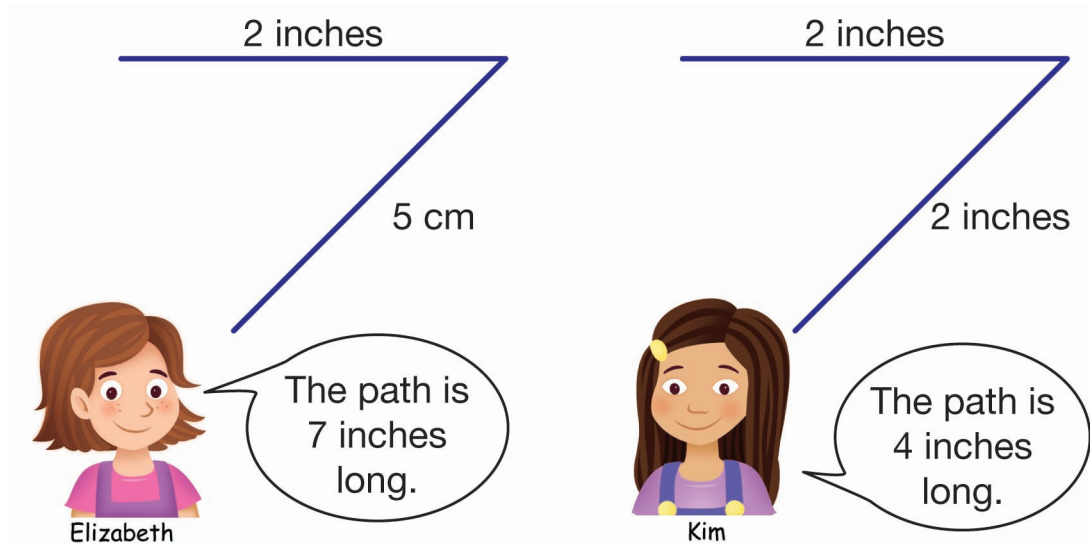
|   |                                |
|---|--------------------------------|
| <p><b>soldier</b></p>  | <p>9 centimeters</p> <p>●</p>  |
| <p><b>robot</b></p>   | <p>12 centimeters</p> <p>●</p> |
| <p><b>horse</b></p>  | <p>4 inches</p> <p>●</p>       |
| <p><b>doll</b></p>   | <p>3 inches</p> <p>●</p>       |

2. Put the measurements in order from smallest to largest. Remember to include labels.



**Part 4 Measuring with Centimeters and Inches**

1. Kim and Liz both measured the same ant path. They each drew and labeled the sketches below.



Do you agree with Liz or Kim? Why?

\_\_\_\_\_

2. Miguel measured the length of two toy animals.

| Animal    | Length (in.) | Length (cm) |
|-----------|--------------|-------------|
| turtle    | 2            | 5           |
| alligator | 12           | 30          |

- A. How much longer is the alligator than the turtle?

\_\_\_\_\_

- B. Draw a line to show the length of the turtle in inches.

- C. Draw a line to show the length of the turtle in centimeters.

**Part 5 Missing Numbers**

Fill in the missing numbers to make the number sentences true.

1. **A.**  $6 + 3 = 7 + \square + 2$

**B.**  $10 + \square = 6 + 4 + 3$

**C.**  $4 + 5 + 6 = 5 + \square$

**D.**  $2 + 6 + 3 = 10 + \square$

**E.**  $11 + 5 = 10 + \square$

**F.**  $8 + 11 = \square + 10$

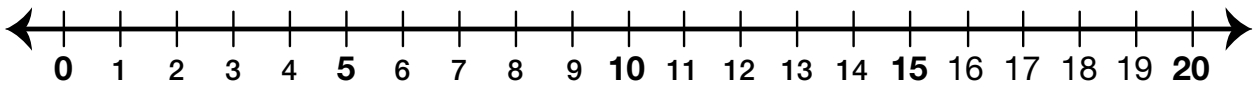
**G.** Show your strategy for solving Question E.

2. Marty and Sam are saving change. They want to buy a pack of baseball cards. So far Marty has 35¢. Sam has 20¢. How much do they have together? Show how you can solve the problem.

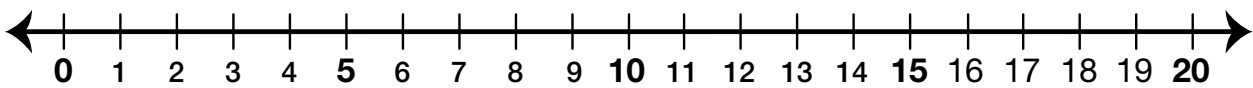
Draw what coins could make this total.

**Part 6 Addition Strategies Practice**

1. Farmer Ted has turkeys on his farm. He feeds each turkey 2 pounds of feed a day. How much feed will each of Farmer Ted’s turkeys eat in one week? Show or tell how you solved the problem.



2. Nan is one of Farmer Ted’s turkeys. She weighs 12 pounds. How many more pounds will Nan have to gain to weigh 20 pounds? Show or tell how you solved the problem.



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Part 2. Addition Facts Families (TG p. 1)

Questions A–F

- A.  $8 + 4 = 12$     B.  $12 - 9 = 3$     C.  $12 - 5 = 7$   
 $4 + 8 = 12$      $12 - 3 = 9$      $12 - 7 = 5$   
 $12 - 8 = 4$      $9 + 3 = 12$      $7 + 5 = 12$   
 $12 - 4 = 8$      $3 + 9 = 12$      $5 + 7 = 12$
- D.  $9 + 4 = 13$     E.  $8 + 5 = 13$     F.  $9 + 5 = 14$   
 $4 + 9 = 13$      $5 + 8 = 13$      $5 + 9 = 14$   
 $13 - 9 = 4$      $13 - 8 = 5$      $14 - 9 = 5$   
 $13 - 4 = 9$      $13 - 5 = 8$      $14 - 5 = 9$

Part 3. Measurement Problems (TG p. 2)

Questions 1–2

- Lines drawn should approximately measure as follows:  
 soldier – 9 cm  
 robot – 12 cm  
 horse – 4 in.  
 doll – 3 in.
- 3 in., 9 cm, 4 in., 12 cm

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Part 1 Addition Flash Cards: Group E

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Part 2 Addition Facts Practice

List and solve the other facts in the fact families.

- A.  $8 + 4 = \square$     B.  $12 - 9 = \square$     C.  $12 - 5 = \square$   
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- D.  $9 + 4 = \square$     E.  $\square + 5 = 13$     F.  $9 + 5 = \square$   
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

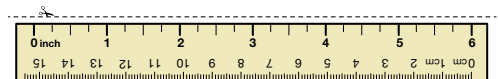
Part 3 Measurement Problems

Fern tested all of her wind-up toys to see how far they could walk before stopping. She wrote down the distances.

- Help Fern draw lines so she can sort the lengths by size. Start at the point. You will need a 12-inch ruler and a centimeter ruler.

|   |                     |
|---|---------------------|
|  soldier | 9 centimeters<br>•  |
|  robot   | 12 centimeters<br>• |
|  horse   | 4 inches<br>•       |
|  doll    | 3 inches<br>•       |

- Put the measurements in order from smallest to largest. Remember to include labels.



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**Part 4 Measuring with Centimeters and Inches**

1. Kim and Liz both measured the same ant path. They each drew and labeled the sketches below.

Elizabeth: The path is 7 inches long.  
Kim: The path is 4 inches long.

Do you agree with Liz or Kim? Why?

2. Miguel measured the length of two toy animals.

| Animal    | Length (in.) | Length (cm) |
|-----------|--------------|-------------|
| turtle    | 2            | 5           |
| alligator | 12           | 30          |

A. How much longer is the alligator than the turtle?  
\_\_\_\_\_

B. Draw a line to show the length of the turtle in inches.  
\_\_\_\_\_

C. Draw a line to show the length of the turtle in centimeters.  
\_\_\_\_\_

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**Part 5 Missing Numbers**

Fill in the missing numbers to make the number sentences true.

1. A.  $6 + 3 = 7 + \square + 2$       B.  $10 + \square = 6 + 4 + 3$   
 C.  $4 + 5 + 6 = 5 + \square$       D.  $2 + 6 + 3 = 10 + \square$   
 E.  $11 + 5 = 10 + \square$       F.  $8 + 11 = \square + 10$

G. Show your strategy for solving Question E.

2. Marty and Sam are saving change. They want to buy a pack of baseball cards. So far Marty has 35¢. Sam has 20¢. How much do they have together? Show how you can solve the problem.

Draw what coins could make this total.

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**Part 4. Measuring with Centimeters and Inches (TG p. 3)**

**Questions 1–2**

- Kim is right. Liz added inches to centimeters to get 7, which doesn't make sense. 7 doesn't represent inches or centimeters because she mixed the units.
- A. 10 inches or 25 cm  
 B. The drawn line should approximately measure 2 inches.  
 C. The drawn line should approximately measure 5 centimeters.

**Part 5. Missing Numbers (TG p. 4)**

**Questions 1–2**

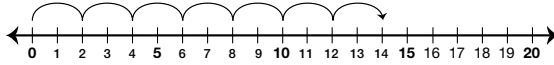
- A. 0      B. 3  
 C. 10      D. 1  
 E. 6      F. 9  
 G. Possible Response:  $11 + 5$  is like saying  $10 + 1 + 5$  which equals 16. So my  $10 + 6$  would be another way to write it.
- A. Sam and Marty have 55¢. Possible strategy: I can add the tens first  $30 + 20 = 50$ , then add on five more to get 55¢.  $35 + 20$  is the same as  $30 + 20 + 5 = 55$ .  
 B. Drawings will vary. Possible drawings:  
  
 or

**Part 6. Addition Strategies Practice**

(TG p. 5)

**Questions 1–2**

1. 14 pounds. Possible strategy: There are 7 days in a week so the turkey will eat 14 pounds of feed. I skip counted by twos using the number line.

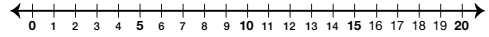


2. 8 more pounds. Possible strategy: I used addition and counted up from 12 to twenty which is 8. Nan needs to gain eight pounds or  $12 + 8 = 20$ .

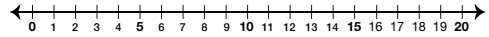
Name \_\_\_\_\_ Date \_\_\_\_\_

**Part 6 Addition Strategies Practice**

1. Farmer Ted has turkeys on his farm. He feeds each turkey 2 pounds of feed a day. How much feed will each of Farmer Ted's turkeys eat in one week? Show or tell how you solved the problem.



2. Nan is one of Farmer Ted's turkeys. She weighs 12 pounds. How many more pounds will Nan have to gain to weigh 20 pounds? Show or tell how you solved the problem.



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