Teacher Guide

Children's Zoo Produce List (TG)
Three-Day Order List

- 42 Bags of Yellow Squash
- 36 Hard-Cooked Eggs
- 30 Bunches of Carrots
- 39 Bags of Oranges
- 27 Bags of Zucchini
- 54 Bunches of Bananas
- 45 Pounds of Beans

How Many (TG pp. 1–2)
Questions 1–4

1. 10 eyes; $2 + 2 + 2 + 2 + 2 = 10$ eyes or $5 \times 2 = 10$ eyes

2. 12 tires; $4 + 4 + 4 = 12$ tires or $3 \times 4 = 12$ tires

3. 9 flowers; $3 + 3 + 3 = 9$ flowers or $3 \times 3 = 9$ flowers

4. 15 fingers; $5 + 5 + 5 = 15$ fingers or $3 \times 5 = 15$ fingers

Children's Zoo Produce List

Food Needed Each Day:
- 14 Bags of Yellow Squash
- 12 Hard-Cooked Eggs
- 10 Bunches of Carrots
- 13 Bags of Oranges
- 9 Bags of Zucchini
- 18 Bunches of Bananas
- 15 Pounds of Beans

Three-Day Order List:
- ___ Bags of Yellow Squash
- ___ Hard-Cooked Eggs
- ___ Bunches of Carrots
- ___ Bags of Oranges
- ___ Bags of Zucchini
- ___ Bunches of Bananas
- ___ Pounds of Beans

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Name _____ Date _____

How Many

Homework

Dear Family Member:

In class we have been learning how to solve multiplication problems by using various strategies (e.g., skip counting, repeated addition, drawings, constant math hoppers). Ask your child to explain how he or she solved each problem and what each number represents in the number sentences. Thank you.

Draw a picture for each problem. Then write a number sentence to answer the question.

1. Draw 5 monkey faces. Draw 2 eyes on each monkey.

How many eyes are there in all? _____

Number sentence _____

2. Draw 3 cars. Draw 4 tires on each car.

How many tires are there in all? _____

Number sentence _____

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Name _____ Date _____

3. Draw 3 vases. Draw 3 flowers in each vase.

How many flowers are there? _____

Number sentence _____

4. Draw 3 hands. Each hand has 5 fingers.

How many fingers are there in all? _____

Number sentence _____

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Name _____ **Date** _____

Unit 12: Home Practice

Part 1 **Subtraction Flash Cards: Group D**
Take home your Triangle Flash Cards: Group D. 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 *Subtraction 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 **Using Doubles, Thinking Addition**

1. **A.** ☐ $= 20 - 10$ **B.** $7 = 15 -$ ☐ **C.** $19 - 9 =$ ☐

   D. $14 - 7 =$ ☐ **E.** $13 - 6 =$ ☐ **F.** $5 = 9 -$ ☐

   G. $8 =$ ☐ $- 8$ **H.** $15 -$ ☐ $= 8$ **I.** $6 - 3 =$ ☐

2. **A.** $9 - 5 =$ ☐ 3. **A.** $7 -$ ☐ $= 3$

   B. ☐ $= 90 - 50$ **B.** $70 -$ ☐ $= 30$

   C. $900 - 500 =$ ☐ **C.** $300 = 700 -$ ☐

4. Richard went to the carnival and bought 19 tokens. The Bumper Cars costs 4 tokens and the Water Rafter costs 10 tokens. He wants to ride the Bumper Cars twice and the Water Rafter once. Will Richard have enough tokens? Show or tell how you solved the problem.

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Part 2. Using Doubles, Thinking Addition (TG p. 1)
Questions 1–4

1. **A.** 10 **B.** 8 **C.** 10
   D. 7 **E.** 7 **F.** 4
   G. 16 **H.** 7 **I.** 3

2. **A.** 4 3. **A.** 4
   B. 40 **B.** 40
   C. 400 **C.** 400

4. Yes, he will have 1 token left.
   $4 + 4 + 10 = 18$
   $19 - 18 = 1$ token

Name _____ **Date** _____

Part 3 **Missing Numbers**
Fill in the missing numbers. Remember to check the operation.

A.
```
    6  4
 + ☐  3
 ───────
  1 2  7
```

B.
```
    3  3
 + ☐  7
 ───────
    7  0
```

C.
```
   8 ☐
 −  2  3
 ───────
    6  4
```

D.
```
   7  8
 − ☐  6
 ───────
   5  2
```

E.
```
     9 ☐
 −  4  7
 ───────
    4  7
```

F.
```
   ☐  3
 + 8  5
 ───────
   9  8
```

G. In Question F, how would you represent the number in the box with base-ten pieces?

H. Show or tell how you solved Question E.

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Part 3. Missing Numbers (TG p. 2)
Questions A–H

A.
```
     6  4
 + [6] 3
 ────────
   1 2  7
```

B.
```
     3  3
 + [3] 7
 ────────
     7  0
```

C.
```
    8 [7]
 −  2  3
 ────────
    6  4
```

D.
```
    7  8
 − [2] 6
 ────────
    5  2
```

E.
```
    9 [4]
 −  4  7
 ────────
    4  7
```

F.
```
   [1] 3
 + 8  5
 ────────
   9  8
```

G. |

H. Possible response:
$$40 + 7$$
$$\underline{40 + 7}$$
$$80 + 14 = 94$$