

Name _____ Date _____

Unit 5: Home Practice

Part 1 Story Solving

1. A. Frank wrote a math story. Draw a picture of his story.



Our coach took the team to the batting cage. There were six of us on the team. Six balls were pitched to each of us. It was a fun time.

- B. How many balls were pitched to Frank and his friends in all?

2. While he was at the batting range, Frank bought three baseball key chains, one for himself and one for each of his little brothers. One key chain costs 75¢. If all three key chains were the same how much money did Frank spend? Show or tell how you solved the problem.

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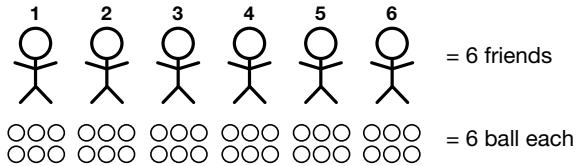
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Part 1. Story Solving (TG p. 1)

Questions 1–2

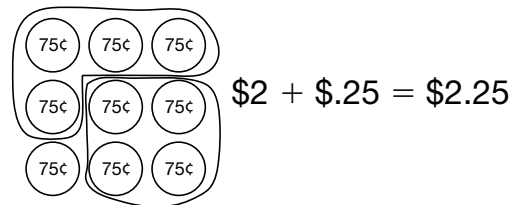
1. A. Answers will vary. A possible picture is shown below.



$$6 + 6 + 6 + 6 + 6 + 6 = 36$$

- B. 36 balls were pitched in all.

2. Frank spent \$2.25. Possible response: I know that 75¢ is the same as three quarters. I drew 3 quarters for each of the key chains. Since there are four quarters in a dollar I drew a circle around each of the dollars and then had one quarter left over.



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Part 2. Same Difference (TG p. 2)

Questions 1–3

Answers will vary. A possible response is given for each problems

1. A. $14 - 7 = 9 - 2$
 B. $17 - 8 = 13 - 4$
 C. $12 - 5 = 13 - 6$
2. A. $18 - 10 = 16 - 8$
 B. $13 - 7 = 15 - 9$
 C. $15 - 8 = 14 - 7$
3. A possible response for Question 2B. $13 - 7 = 14 - 8$

Part 3. Skinnies and Bits (TG p. 2)

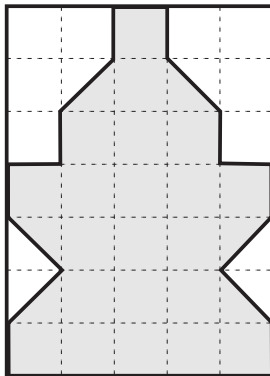
Questions 1–4

1. $30 + 15 = 45$
2. 45
3. Possible response: No, she is not using the Fewest Pieces Rule. Since there are 15 bits you can trade 10 of them for another skinny. There would be four skinnies and five bits.
4. $40 + 5 = 45$

Part 4. Finding Area (TG p. 3)

Questions 1–2

1. Predictions will vary. Both Shape A and Shape B have an area of 17 square centimeters.
2. A. Shape C has an area of 24 sq cm.
 B. One possible response is shown below.



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Part 2 Same Difference

For each of the problems below, write another number sentence that has the same difference.

Example: $8 - 4$ is the same as $10 - 6$. We write $8 - 4 = 10 - 6$.

1. A. $14 - 7 =$ _____ 2. A. $18 - 10 =$ _____
 B. $17 - 8 =$ _____ B. $13 - 7 =$ _____
 C. $12 - 5 =$ _____ C. $15 - 8 =$ _____
3. Pick one of the problems in Question 2 and find a third number sentence that has the same difference.

Part 3 Skinnies and Bits

Natasha placed three skinnies and fifteen bits on her desk.

1. Write a number sentence that matches Natasha's pieces.

2. What number is she representing? _____
3. Is she using the Fewest Pieces Rule? Explain your thinking.

4. Write a number sentence using the Fewest Pieces Rule.

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Part 4 Finding Area

1. Predict which shape has the greater area, Shape A or Shape B. Circle your choice and find the area of each shape.

Shape A

Shape B

2. A. Find the area of Shape C. B. Draw a different shape with the same area as Shape C.

Shape C

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Part 5 Fact Families: Groups 7 and 8

- 1. A. $14 - 7 = \square$ B. $7 + \square = 14$
- 2. A. $13 - 7 = \square$ B. $7 + \square = 13$
- 3. A. $13 - \square = 7$ D. $6 + \square = 13$
- 3. A. $16 - \square = 8$ B. $\square + 8 = 16$
- 4. A. $\square - 7 = 5$ B. $\square + 5 = 12$
- C. $12 - \square = 7$ D. $5 + 7 = \square$
- 5. A. $15 - \square = 7$ B. $\square + 7 = 15$
- C. $\square - 7 = 8$ D. $7 + \square = 15$
- 6. A. $\square - 9 = 9$ B. $\square + 9 = 18$
- 7. A. $\square - 8 = 6$ B. $6 + \square = 14$
- C. $14 - \square = 8$ D. $8 + 6 = \square$

8. Explain why Questions 1, 3, and 6 have only two number sentences in the fact families.

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**Home Practice
Part 5. Fact Families: Groups 7 and 8 (TG p. 4)**

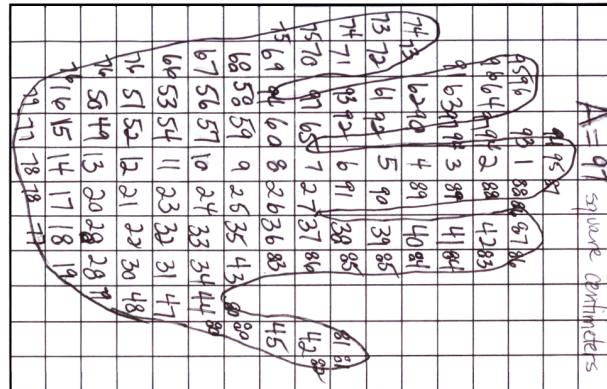
Questions 1–8

- 1. A. $14 - 7 = 7$ B. $7 + 7 = 14$
- 2. A. $13 - 7 = 6$ B. $7 + 6 = 13$
- C. $13 - 6 = 7$ D. $6 + 7 = 13$
- 3. A. $16 - 8 = 8$ B. $8 + 8 = 16$
- 4. A. $12 - 7 = 5$ B. $7 + 5 = 12$
- C. $12 - 5 = 7$ D. $5 + 7 = 12$
- 5. A. $15 - 8 = 7$ B. $8 + 7 = 15$
- C. $15 - 7 = 8$ D. $7 + 8 = 15$
- 6. A. $18 - 9 = 9$ B. $9 + 9 = 18$
- 7. A. $14 - 8 = 6$ B. $6 + 8 = 14$
- C. $14 - 6 = 8$ D. $8 + 6 = 14$
- 8. Possible response: Since $7 + 7 = 14$, $8 + 8 = 16$, and $9 + 9 = 18$ are doubles, there is only one way to write the addition and subtraction problems.

Part 6. Finding the Area of Your Hand (TG p. 5)

Questions 1–3

Possible response:

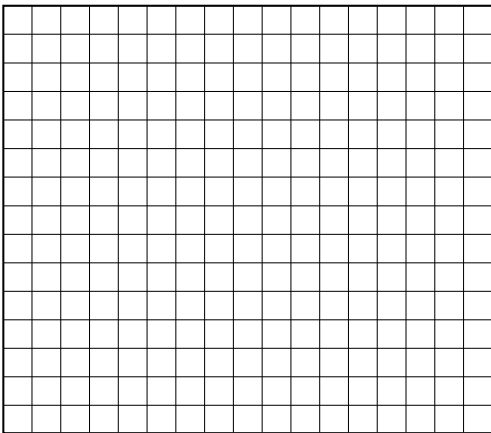


- 3. Possible response: I found the area of the palm and the area of the fingers and added to find the area of my hand.

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Part 6 Finding the Area of Your Hand

- 1. Trace your hand on the Centimeter Grid.
- 2. Find the area of the tracing of your hand.



- 3. What shortcuts could you use to find the area?

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