

**Student Activity Book**

**Fact Families with Subtraction Triangles (SAB pp. 439–442)**

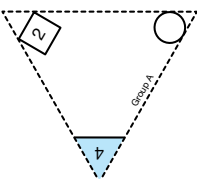
**Questions A–J**

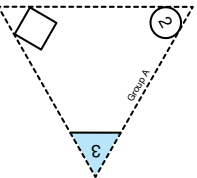
- A. Missing number: 2  
Fact family:  $2 + 2 = 4$ ,  $4 - 2 = 2$
- B. Missing number: 1  
Fact family:  $2 + 1 = 3$ ,  $1 + 2 = 3$ ,  
 $3 - 2 = 1$ ,  $3 - 1 = 2$
- C. Missing number: 3  
Fact family:  $2 + 3 = 5$ ,  $3 + 2 = 5$ ,  $5 - 3 = 2$ ,  
 $5 - 2 = 3$
- D. Missing number: 2  
Fact family:  $2 + 4 = 6$ ,  $4 + 2 = 6$ ,  $6 - 4 = 2$ ,  
 $6 - 2 = 4$
- E. Missing number: 3  
Fact family:  $3 + 1 = 4$ ,  $1 + 3 = 4$ ,  $4 - 1 = 3$ ,  
 $4 - 3 = 1$
- F. Missing number: 1  
Fact family:  $0 + 1 = 1$ ,  $1 + 0 = 1$ ,  $1 - 0 = 1$ ,  
 $1 - 1 = 0$

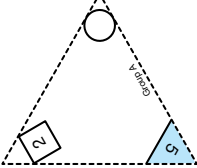
Name \_\_\_\_\_ Date \_\_\_\_\_

**Fact Families with Subtraction Triangles**

Fill in the missing numbers on each triangle. List and solve the fact families for the numbers shown on each triangle.

A.  \_\_\_\_\_  
\_\_\_\_\_

B.  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

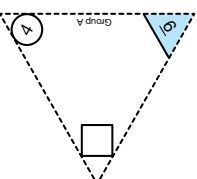
C.  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

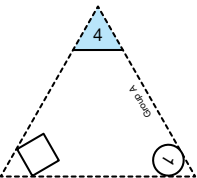
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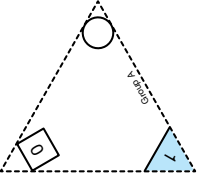
**Strategies for Subtraction Facts** **SAB • Grade 2 • Unit 9 • Lesson 1** **439**

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

D.  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E.  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

F.  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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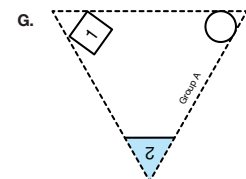
**440** **SAB • Grade 2 • Unit 9 • Lesson 1** **Strategies for Subtraction Facts**

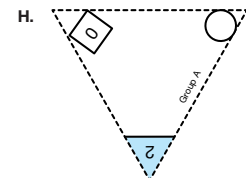
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- G.** Missing number: 1  
Fact family:  $1 + 1 = 2, 2 - 1 = 1$
- H.** Missing number: 2  
Fact family:  $2 + 0 = 2, 0 + 2 = 2, 2 - 0 = 2, 2 - 2 = 0$
- I.**  $1 + 5 = 6, 5 + 1 = 6, 6 - 5 = 1, 6 - 1 = 5$
- J.** No. He should have written  $5 - 2 = 3$  and  $5 - 3 = 2$ . He should write the largest number first in the subtraction number sentence.

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

**G.**  \_\_\_\_\_  
\_\_\_\_\_

**H.**  \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**I.** Circle the 4 number sentences that match the fact family for the numbers 5, 1, and 6.

$6 + 1 = 5$     $6 + 5 = 1$     $1 + 5 = 6$   
 $1 + 6 = 5$     $5 + 1 = 6$     $5 + 6 = 1$   
 $1 - 6 = 5$     $5 - 1 = 6$     $6 - 5 = 1$   
 $1 - 5 = 6$     $6 - 1 = 5$     $5 - 6 = 1$

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**J.** For the fact family with 2, 3, and 5, John wrote the following subtraction number sentences:  
 $2 - 3 = 5$        $3 - 2 = 5$   
 Is John correct? Why or why not?

**Fact Families with Subtraction Triangles Feedback Box**

	Expectation	Check In	Comments
Demonstrate fluency with the subtraction facts related to the addition facts in Group A ( $1 - 0, 1 - 1, 2 - 0, 2 - 1, 2 - 2, 3 - 1, 3 - 2, 4 - 1, 4 - 3, 5 - 2, 5 - 3, 6 - 2, 6 - 4$ ).	E6		
Determine the unknown number in an addition or subtraction sentence relating three whole numbers for the facts in Group A.	E7		

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