

Student Activity Book

**Fact Families with Addition Triangles
(SAB pp. 15–18)**

Questions A–L

A. * $2 + 1 = 3$

$3 - 2 = 1$

$1 + 2 = 3$

$3 - 1 = 2$

B. * $2 + 2 = 4$

$4 - 2 = 2$

C. $2 + 3 = 5$

$3 + 2 = 5$

$5 - 2 = 3$

$5 - 3 = 2$

D. $2 + 4 = 6$

$6 - 2 = 4$

$4 + 2 = 6$

$6 - 4 = 2$

E. $8 + 1 = 9$

$1 + 8 = 9$

$9 - 1 = 8$

$9 - 8 = 1$

F. $0 + 3 = 3$

$3 + 0 = 3$

$3 - 0 = 3$

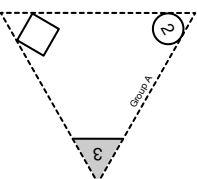
$3 - 3 = 0$

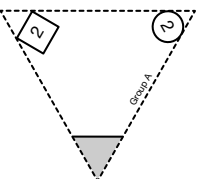
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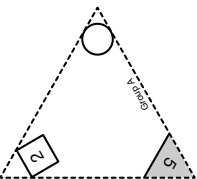
Name _____ Date _____

Fact Families with Addition Triangles

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

A.  $2 + \square = 3$
 $3 - 2 = \square$

B.  $2 + 2 = \square$

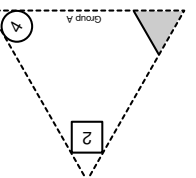
C.  $2 + \square = 5$

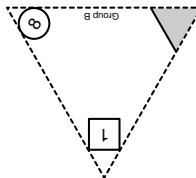
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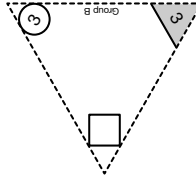
Addition with Triangle Flash Cards **SAB • Grade 2 • Unit 1 • Lesson 4** **15**

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Name _____ Date _____

D.  $2 + 4 = \square$
 $\square - 2 = 4$

E.  $8 + 1 = \square$
 $1 + 8 = \square$

F.  $\square + 3 = 3$

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*Answers and/or discussion are included in the lesson.

G. $2 + \boxed{6} = 8$

$6 + 2 = 8$

$8 - 2 = 6$

$8 - 6 = 2$

H. $5 + 3 = \boxed{8}$

$3 + 5 = 8$

$8 - 5 = 3$

$8 - 3 = 5$

I. Responses will vary. Possible response: I packed 8 grapes in my lunch. John ate some and there are 3 left. How many grapes did John eat?

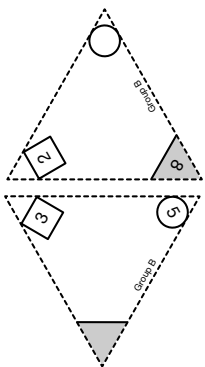
J. Responses will vary. Possible response: Julie's book has 8 chapters. She read 3. How many chapters are left to read?

K.* Possible response: The first four number sentences Emily wrote make sense. The last two do not. $1 - 4$ is not equal to 5 and $1 - 5$ is not 4.

L.* Possible response: The first four number sentences Jason wrote make sense. The last one does not. $0 - 5$ does not equal 5.

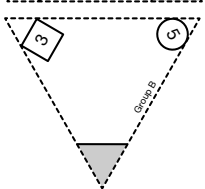
Name _____ Date _____

G.



$2 + \boxed{} = 8$

H.



$5 + 3 = \boxed{}$

I. Write a story for 5, 3, and 8.

J. Write a story to match $8 - 3 = 5$.

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Name _____ Date _____

K. Emily wrote the following number sentences to relate 4, 1, and 5.

$4 + 1 = 5$ $1 + 4 = 5$ $5 - 4 = 1$
 $5 - 1 = 4$ $1 - 4 = 5$ $1 - 5 = 4$

Do you agree with Emily? Why or why not?

L. Jason wrote the following number sentences to relate 0, 5, and 5.

$5 - 0 = 5$ $5 - 5 = 0$ $5 + 0 = 5$
 $0 + 5 = 5$ $0 - 5 = 5$

Do you agree with Jason? Why or why not?

| Fact Families with Addition Triangles | Expectation | Check In | Comments |
|---|-------------|----------|----------|
| Represent addition and subtraction situations using number sentences and stories. [Q# I-J] | E1 | | |
| Demonstrate fluency with the addition facts in Groups A-B. [Q# A-H] | E7 | | |
| Determine the unknown number in an addition or subtraction sentence relating three whole numbers for the facts in Groups A-B. [Q# A-H, K-L] | E8 | | |

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