

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

### How Many Tiles

For each question, draw your rows. Write a number sentence.

1. Make 2 rows of 5.

Number sentence \_\_\_\_\_

2. Make 3 rows of 3.

Number sentence \_\_\_\_\_

3. Make 3 rows of 5.

Number sentence \_\_\_\_\_

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4. Make 5 rows of 3.

Number sentence \_\_\_\_\_

Circle True or False for each statement. Show or tell how you know.

5. 2 rows of 3 = 3 rows of 2      True      False

6. 3 rows of 4 = 3 rows of 3      True      False

7. 4 rows of 5 = 5 rows of 4      True      False

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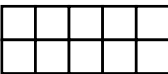
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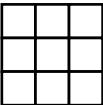
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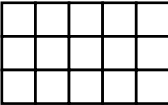
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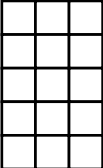
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**How Many Tiles (SAB pp. 587–588)**  
**Questions 1–7**

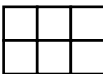
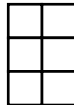
1.   
Number sentence:  $5 + 5 = 10$

2.   
Number sentence:  $3 + 3 + 3 = 9$

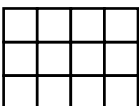
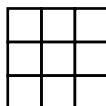
3.   
Number sentence:  $5 + 5 + 5 = 15$

4.   
Number sentence:  $3 + 3 + 3 + 3 + 3 = 15$

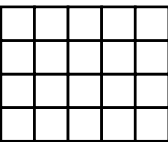
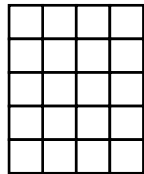
5. True

        
 $3 + 3 = 6$        $2 + 2 + 2 = 6$

6. False

        
 $4 + 4 + 4 = 12$        $3 + 3 + 3 = 9$

7. True

        
 $5 + 5 + 5 + 5 = 20$        $4 + 4 + 4 + 4 + 4 = 20$

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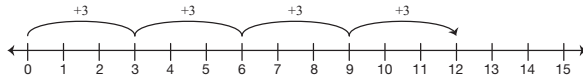
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Constant Math Hoppers (SAB pp. 589–591)

Questions 1–6

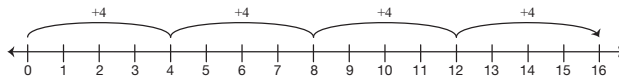
1.  $2 + 2 + 2 + 2 = 8$

2. A. 12;



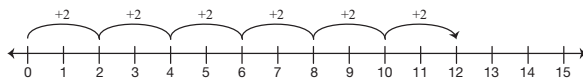
B.  $3 + 3 + 3 + 3 = 12$

3. A. 16;



B.  $4 + 4 + 4 + 4 = 16$

4. A. 6 hops;

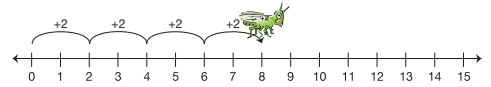


B.  $2 + 2 + 2 + 2 + 2 + 2 = 12$

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Constant Math Hoppers

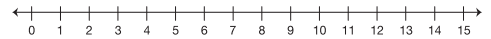
1. A +2 constant math hopper started at 0 and hopped 4 times. It landed on 8.



Write an addition sentence that describes its trip.

2. A +3 constant math hopper started at 0 and hopped 4 times.

A. On what number did it land? Draw its hops on this number line.



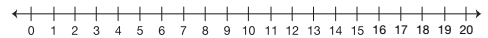
B. Write an addition sentence that describes its trip.

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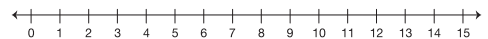
3. A +4 constant math hopper started at 0 and hopped 4 times.  
A. On what number did it land? Draw its hops on this number line.



B. Write an addition sentence that describes its trip.

4. A +2 constant math hopper started at 0 and hopped until it landed on 12.

A. How many hops did it make? Draw its hops on this number line.



B. Write an addition sentence that describes its trip.

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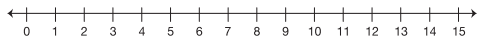
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5. A constant math hopper started at 0. It hopped 2 times and landed on 10.

A. How big were its hops? \_\_\_\_\_

Draw its hops on this number line.



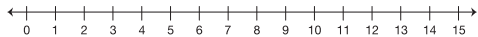
B. Write an addition sentence that describes its trip.

\_\_\_\_\_

6. A constant math hopper started at 0. It hopped 5 times and landed on 15.

A. How big were its hops? \_\_\_\_\_

Draw its hops on this number line.

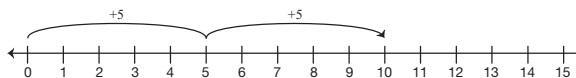


B. Write an addition sentence that describes its trip.

\_\_\_\_\_

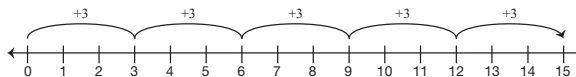
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5. A. +5;



B.  $5 + 5 = 10$

6. A. +3;



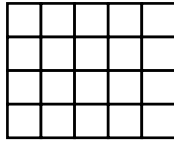
B.  $3 + 3 + 3 + 3 + 3 = 15$

**Equal Groups (SAB pp. 593–594)**

**Questions 1–5**

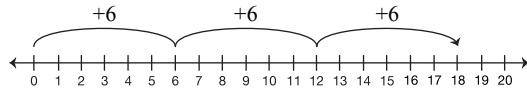
Responses may vary. Possible responses are shown.

1. 20 tiles;



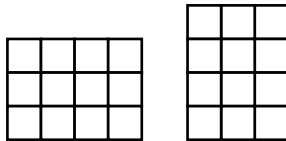
Number sentence:  $5 + 5 + 5 + 5 = 20$

2. 18 tiles;



Number sentence:  $6 + 6 + 6 = 18$

- 3.



Number sentence:  $4 + 4 + 4 = 3 + 3 + 3 + 3$

4. Odd. Responses may vary. Possible response: I know that 15 is an odd number because I tried to make two equal groups but I had one left over.

5. **A. 3 + 3**                      **B. 2 + 2 + 1**  
**C. 5 + 5 + 1**                **D. 4 + 4**  
**E. 6 + 6**                        **F. 7 + 7**  
**G. 7 + 7 + 1**                 **H. 9 + 9**  
**I. 1 + 1**                         **J. 8 + 8 + 1**

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

**Equal Groups**

Use drawings or the number line to solve each problem. Write a number sentence for each problem. Remember to use labels.

1. There are 4 rows of 5 tiles. How many tiles are there altogether?

Number sentence \_\_\_\_\_

2. There are 3 rows of 6 tiles. How many tiles are there altogether?

Number sentence \_\_\_\_\_

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3. Show how 3 rows of 4 = 4 rows of 3.

Number sentence \_\_\_\_\_

4. Is 15 an even or odd number? \_\_\_\_\_ Show or tell how you know.

5. Circle all the number sentences that have an even number for a sum.

**A. 3 + 3**                      **B. 2 + 2 + 1**  
**C. 5 + 5 + 1**                **D. 4 + 4**  
**E. 6 + 6**                        **F. 7 + 7**  
**G. 7 + 7 + 1**                 **H. 9 + 9**  
**I. 1 + 1**                         **J. 8 + 8 + 1**

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