My Digital Homework Log

Name:_____

Day	Time Spent (15 Min)	Subject	Description (Program: Freckle/Lexia, ST Math /XtraMath/Prodigy/Socrates)
Monday		Reading	
		Math	
Tuesday		Reading	
		Math	
Wednesday		Reading	
		Math	
Thursday		Reading	
		Math	
Friday		Reading	
		Math	

All sites easily accessed from https://msbinclass.com/sites-used-in-class/

WEEKLY READING

Monday: Read the passage. Put a question mark beside any words or events that you find confusing.

Tuesday: Reread the passage. Write at least three connections you can make to the story. They can be text-to-self, text-to-text, or text-to-world connections.

Wednesday: Reread the passage. Retell the story in at least four sentences. Include a complete description of the main character in your summary.

Thursday: Answer the questions about the text. Use evidence from the text to support your thinking.

ANALYZING CHARACTERS

Name: _____   Date: _____

Fill in the organizer with information about the character from the story.

THOUGHTS

FEELINGS

ACTIONS

SUSIE

Name: _____ Date: _____

Susie and I have been friends since kindergarten. She is quite possibly the best friend I have ever had. I can always count on her to help me out.

Right from the beginning, Susie has been there for me. On the first day of kindergarten, my mother forgot to pack my scissors. Susie slipped me one of her extra pairs and told me to keep them as long as I wanted. I was so thankful and grateful for Susie that I asked her to swing with me at recess. From then on, we have been best friends.

When we were in third grade, I was out sick with the flu for an entire week. Susie would come to visit me every day and drop off any classwork or homework that I had missed. She would teach me everything that the teachers had taught that day. Susie helped me so much that I did not even get behind.

Now that we are entering fifth grade, I know that Susie will always be my best friend. Maybe I will be able to help her out this year.

SUSIE

Name: _____ Date: _____

1. Based on what you read in the story, which choice best describes Susie?
a. unfriendly
b. reliable
c. hard working
d. troublemaker

2. Describe two clues from the story that support your choice from the question above.

_____

_____

_____

3. Why did Susie bring the classwork and homework to her friend?

_____

_____

_____

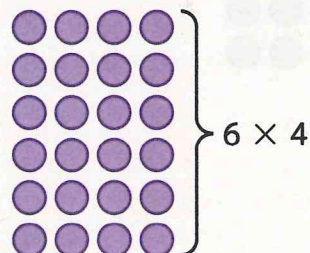4. Why does the narrator say that she hopes she can help Susie this year?

_____

_____

_____

Name _____

Another Look!

The array below shows 6×4 or 6 rows of 4 circles.

You can draw a line to break **6** rows of 4 circles into **2** rows of 4 circles and **4** rows of 4 circles.
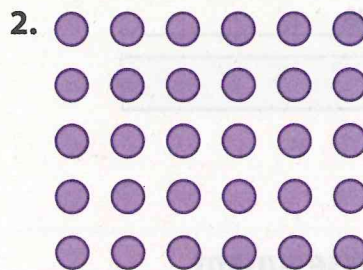
6×4

2×4

4×4
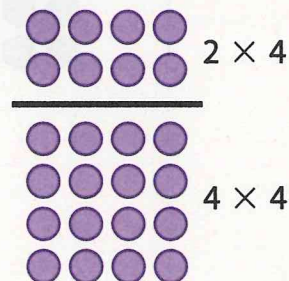
With the Distributive Property, you can break apart a multiplication fact into the sum of two other facts.

In **1** and **2**, draw a line to separate each array into two smaller arrays. Write the new facts.

1.

$4 \times 3 = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

2.
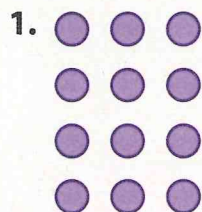
$5 \times 6 = (\underline{} \times \underline{}) + (\underline{} \times \underline{})$

In **3–10**, use the Distributive Property to find each missing factor.

3. $4 \times 6 = (1 \times 6) + (\underline{} \times 6)$

4. $5 \times 8 = (\underline{} \times 8) + (2 \times 8)$

5. $4 \times 5 = (\underline{} \times 5) + (2 \times \underline{})$

6. $7 \times 6 = (3 \times \underline{}) + (\underline{} \times \underline{})$

7. $3 \times 8 = (\underline{} \times 8) + (2 \times \underline{})$

8. $5 \times 7 = (2 \times \underline{}) + (3 \times \underline{})$

9. $4 \times 7 = (\underline{} \times \underline{}) + (2 \times \underline{})$

10. $5 \times 5 = (\underline{} \times 5) + (4 \times \underline{})$

11. **© MP.7 Use Structure** Tony broke a larger array into a 2 × 3 array and a 4 × 3 array. What did the larger array look like? Draw a picture. Write an equation to show the relationship between the larger array and the two smaller arrays.

12. **Higher Order Thinking** Rosa says she can break this array into 3 different sets of two smaller arrays. Is Rosa correct? Explain.
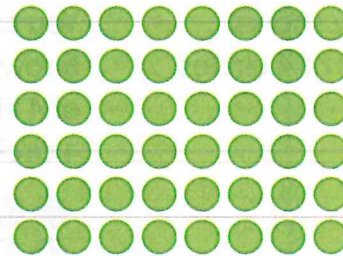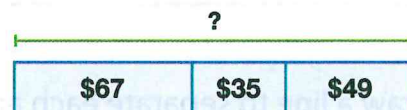

13. **Algebra** Marcus passed for 16 yards in the first half of a football game. He passed for a total of 49 yards in the entire game. What was Marcus's total passing yardage in the second half?

Write equations to represent and solve the problem. Use ? for the unknown number.
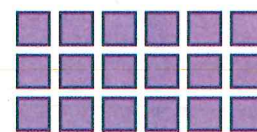
49	
16	?
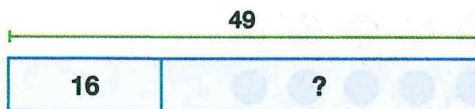
14. Lulu buys a dress for $67, a hat for $35, and shoes for $49. How much did Lulu spend?

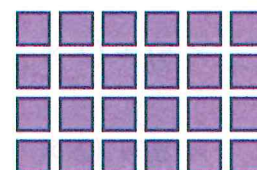| ?		
$67	$35	$49

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15. Akela drew these smaller arrays to find the product of a larger array. Which of the following equations show the relationship between the larger array and these two smaller arrays? Choose all that apply.

☐ $6 \times 6 = (3 \times 6) + (3 \times 6)$

☐ $7 \times 6 = (3 \times 6) + (4 \times 6)$

☐ $8 \times 7 = (4 \times 7) + (4 \times 7)$

☐ $7 \times 6 = (4 \times 6) + (3 \times 6)$

☐ $7 \times 7 = (3 \times 7) + (4 \times 7)$

Name: _____

Break Apart Numbers to Multiply
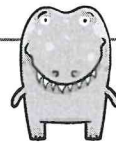
Solve the problems.

1 Finn has 7 bags of marbles. Each bag has 3 marbles. Show one way to break apart the 7 to multiply. Then find the total number of marbles.

> I think there is more than one way to break apart the bags.

2 Tawny breaks apart 9 to solve 9×5. Show one way Tawny can do this. Then solve the problem.

> What are different ways to break apart 9?

3 Which of these are ways you can break apart a factor to solve 6×3? Circle all the correct answers.

> You can break apart either factor.

A $3 \times 3 = 9$ and $3 \times 3 = 9$

B $4 \times 3 = 12$ and $2 \times 3 = 6$

C $6 \times 2 = 12$ and $4 \times 3 = 12$

D $6 \times 1 = 6$ and $6 \times 2 = 12$

Help · Practice Buddy · Tools · Games

Another Look!

You can use arrays to show 3s facts.

Find 2 × 3.

2 × 3 = 6

You can also use a 2s and a 1s fact to find a 3s fact.

Find 7 × 3.

7 × 3 = (7 × 2) + (7 × 1)
7 × 3 = 14 + 7
7 × 3 = 21

In **1–4**, use arrays or the Distributive Property to find each product.

1.
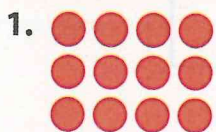
3 × 4 = _____

2. Find 3 × 5.

3 × 5 = (____ × 5) + (1 × ____)

3 × 5 = _____ + _____

3 × 5 = _____

3. Find 4 × 3.

4 × 3 = (4 × ____) + (____ × 1)

4 × 3 = _____ + _____

4 × 3 = _____

4. Find 3 × 6.

3 × 6 = (2 × 6) + (____ × ____)

3 × 6 = _____ + _____

3 × 6 = _____

In **5–14**, find each product.

5. 6 × 3 = _____

6. 3 × 7 = _____

7. 3 × 3 = _____

8. 1 × 3 = _____

9. 3 × 9 = _____

10. 5 × 3 = _____

11.   3
   × 8
  ____

12.   3
   × 0
  ____

13.   3
   × 2
  ____

14.   9
   × 3
  ____

15. © **MP.8 Generalize** How can you use a 2s fact and a 1s fact to find 3×8?

16. © **MP.3 Construct Arguments** Maria said $7 \times 3 = 21$. Connie said $3 \times 7 = 21$. Who is correct? Explain.

17. Five people bought tickets to a football game. They bought 3 tickets each. How many tickets were bought? Draw an array.

18. Higher Order Thinking Sid says 26 is a multiple of 3. Is Sid correct? Why or why not?

19. Barney divides a rectangle into fourths. Show two ways he could do this.

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20. Kenichi's jump rope team is competing in a tournament. There are 10 teams in the tournament.
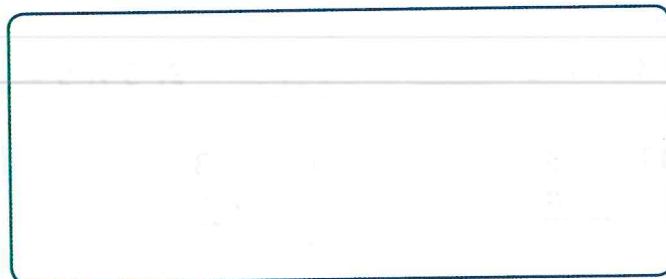
Jump Rope Tournament Teams of 3 Only

Part A

Use the numbers to complete the equation and find the total number of players in the tournament.

$3 \times 10 = (3 \times \underline{\hspace{1cm}}) + (3 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$ players

Part B

Draw a picture to represent the problem.

Name _____

Solve & Share

Ed made 8 key chains each week for 4 weeks. How many key chains did Ed make? *Solve this problem any way you choose.*

Apply Properties: 4 as a Factor

I can ...
use what I know about multiplying by 2s and properties to multiply by 4.

© **Content Standards** 3.OA.B.5, 3.OA.A.3, 3.OA.D.9
Mathematical Practices MP.1, MP.2, MP.3, MP.7

You can use structure. What number relationships do you see when when you multiply by 4? *Show your work in the space below!*

Look Back! © **MP.7 Look for Relationships** How can you use multiplication facts for 2s to solve multiplication facts for 4s?

How Can You Use Doubles to Multiply with 4?

A

Anna painted piggy banks to sell at the student art show. She painted one bank on each of the 7 days of the week for 4 weeks. How many piggy banks did Anna paint?

Four is a double of 2. So, 4×7 is double 2×7.

B **What You Show**

Find 4×7.

You can make arrays.

To multiply with 4, think of a 2s fact and then double it.

$2 \times 7 = 14$

$2 \times 7 = 14$
$14 + 14 = 28$

C **What You Think**

4×7 is 4 rows of 7. That is 2 sevens plus 2 sevens.

2 sevens are 14.

$14 + 14 = 28$
So, $4 \times 7 = 28$.

Anna painted 28 piggy banks.

Convince Me! © **MP.3 Construct Arguments** Zach knows $2 \times 8 = 16$. Explain how he can find 4×8.