Remember that even if you complete digital homework, you must read for 3 minutes with your fluency passage each night.

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/

Arctic American Indians

The Inuit people lived in the northern part of Alaska and 11
Canada. Everything about the lives of the Inuit was 20
influenced by the cold climate in which they live. The Inuit 31
made their homes out of snow and ice for the winter, 42
because mud and wood are hard to find in the tundra. Many 54
people call these homes "igloos". In the summer, they would 64
make homes from animal skin stretched over a frame made 74
from whalebones. The Inuit needed warm clothing to survive 86
the cold weather, so they used animal skins and furs. They 96
made boots, hats, and jackets from caribou and seal skin. 106
The Inuit people were unable to farm in the tundra. They 117
mostly lived off of meat from hunting animals. They used 127
harpoons to hunt seals, walruses, and the bowhead whale. 136
They also ate fish and wild berries. The Inuit used dogsleds 147
and sled dogs for transportation. On the water, the Inuit 157
used different kinds of boats for different activities. 165

Monday - Thursday read for fluency. When fluency is completed, read the complete the paragraph. Wednesday, reread.

Number of Words Read	Monday	Tuesday	Wednesday	Thursday
1st Attempt				
2nd Attempt				
3rd Attempt				

Arctic American Indians

Answer each question in a complete sentence. Underline or highlight where you located the answer in the text.

Tuesday Questions

1. What influenced the lives of the Inuit? _____

_____

2. What did the Inuit make their homes from in the winter?_____

_____

Wednesday Questions

3. What did the Inuit use for clothing?_____

_____

4. Why didn't the Inuit farm?_____

_____

Thursday: Write a paragraph which means at least 4 sentences.

5. In a paragraph explain how the environment in which the Arctic American Indians lived influenced their life.

_____

_____

_____

_____

_____

_____

_____

_____

Name _____ Monday

Vocabulary

1. The **Identity (One) Property of Multiplication** says that when you multiply any number by 1, the product is that same number.

   $8 \times 1 =$ _____

2. The **Zero Property of Multiplication** says that when you multiply any number by 0, the product is 0.

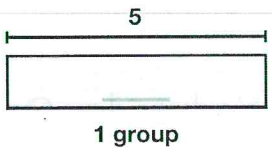
   $7 \times$ _____ $= 0$

There are special rules to follow when dividing with 0 and 1.

3. When any number is divided by 1, the quotient is that number.

   For $5 \div 1$, the related multiplication fact is $1 \times$ _____ $= 5$,

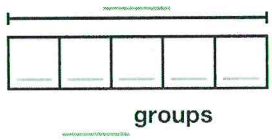
   so, $5 \div 1 =$ _____.



4. When any number (except 0) is divided by itself, the quotient is _____.

   For $5 \div 5$, the related multiplication fact is $5 \times 1 =$ _____,

   so $5 \div 5 =$ _____.



5. You cannot divide a number by 0.

   $5 \div$ _____ means "what number times 0 equals 5?"

   There is no number that works, so $5 \div 0$ cannot be divided.

6. When 0 is divided by any number (except 0), the quotient is _____.

   To divide $0 \div 5$, think of the related multiplication fact.

   $5 \times 0 =$ _____, so $0 \div 5 =$ _____.

On the Back!

7. Find each quotient: $3 \div 1$; $9 \div 9$; $7 \div 0$; $0 \div 2$. Explain.

Name _____

Help | Practice Buddy | Tools | Games

Homework & Practice 4-7

Practice Multiplication and Division Facts

Tuesday

Another Look!

A class is making popcorn for a carnival. 10 students each made 3 cups of popcorn. The students put the popcorn in bags that hold 6 cups each. Find the total number of cups. Then find how many bags of popcorn the students made.

You can solve the problems using multiplication and division.

Multiplication

How many total cups of popcorn did they make?

$10 \times 3 = ?$

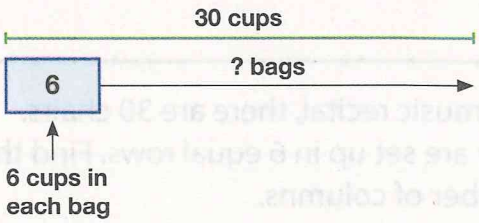
Number of students | Cups each student made | Total number of cups

$10 \times 3 = 30$

The students made a total of 30 cups of popcorn.

Division

How many groups of 6 are in 30?



Divide the total number of cups by the number of cups in each bag:

$30 \div 6 = 5$ ← Number of bags

The students made 5 bags of popcorn.

In **1–9**, use multiplication and division to complete the fact family.

1. $21 \div 3 =$ ____
$3 \times$ ____ $= 21$
$21 \div$ ____ $= 3$
____ $\times 3 = 21$

2. $36 \div 6 =$ ____
$6 \times$ ____ $= 36$

3. $18 \div 9 =$ ____
$9 \times$ ____ $= 18$
$18 \div$ ____ $= 9$
____ $\times 9 = 18$

4. $54 \div 9 =$ ____
$9 \times$ ____ $= 54$
$54 \div$ ____ $= 9$
____ $\times 9 = 54$

5. $18 \div 6 =$ ____
$6 \times$ ____ $= 18$
$18 \div$ ____ $= 6$
____ $\times 6 = 18$

6. $40 \div 5 =$ ____
$5 \times$ ____ $= 40$
$40 \div$ ____ $= 5$
____ $\times 5 = 40$

7. $14 \div 2 =$ ____
$2 \times$ ____ $= 14$
$14 \div$ ____ $= 2$
____ $\times 2 = 14$

8. $25 \div 5 =$ ____
$5 \times$ ____ $= 25$

9. $32 \div 4 =$ ____
$4 \times$ ____ $= 32$
$32 \div$ ____ $= 4$
____ $\times 4 = 32$

In **10** and **11**, use the chart at the right.

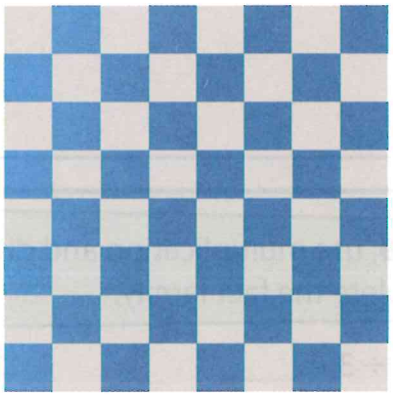
10. **MP.1 Make Sense and Persevere** Ellis asks some classmates to name their favorite color. He records the information in this chart. How many classmates answered the question?

11. Suppose Ellis asked more classmates to name their favorite color. If 4 more classmates named blue this time, how many classmates named blue in all?

12. At a music recital, there are 30 chairs. They are set up in 6 equal rows. Find the number of columns.

13. A music teacher has 4 drum kits. Each kit has 2 drumsticks. Each drumstick costs $3. How many drumsticks does she have? What is the cost to replace them all?

14. **Higher Order Thinking** A chessboard has 8 rows of squares with 8 squares in each row. Two players each put 16 chess pieces on the board, with each piece on its own square. How many squares are empty now? Explain your answer.



Common Core Assessment

15. Tolen has 18 dog treats. He gives the same number of treats to 6 dogs at the animal shelter. Which two equations could be used to find the number of treats each dog gets?

Ⓐ $18 + 6 = 24$ and $24 - 6 = 18$

Ⓑ $18 \div 6 = 3$ and $6 \times 3 = 18$

Ⓒ $18 \div 18 = 1$ and $1 \times 18 = 18$

Ⓓ $6 \div 3 = 2$ and $6 \div 2 = 3$

16. A pack of pens costs $3. Lynn spent $12 on pens. Each pack has 5 pens. How many packs did she buy? How many pens does she have?

Ⓐ 3 packs; 15 pens

Ⓑ 4 packs; 20 pens

Ⓒ 5 packs; 20 pens

Ⓓ 6 packs; 30 pens

Name _____

Help | Practice Buddy | Tools | Games

Homework & Practice 4-8

Solve Multiplication and Division Equations

Wednesday

Another Look!

Remember that an equation uses an equal sign (=) to show the value on the left is the same as the value on the right.

Equations have unknown numbers. These numbers may be represented by question marks.

$10 = 40 \div ?$

This equation means 10 is equal to 40 divided by some number. You know $40 \div 4 = 10$, so $? = 4$.

1. Frankie has some nickels. His nickels have a value of 45 cents. How many nickels does Frankie have? Complete the table to write an equation to represent the problem.

Use a ? to represent the number of nickels Frankie has.	?
Nickels are worth 5 cents. You can multiply the number of nickels by 5 to find the total value of the coins.	? × ____
Frankie's nickels are worth 45 cents.	? × 5 = ____

To solve the problem, find the value of ? that makes the equation true: ____ × 5 = 45. Frankie has ____ nickels.

In **2–5**, find the value of ? that makes the equation true.

2. $? \div 5 = 6$

3. $36 = 6 \times ?$

4. $14 = ? \times 2$

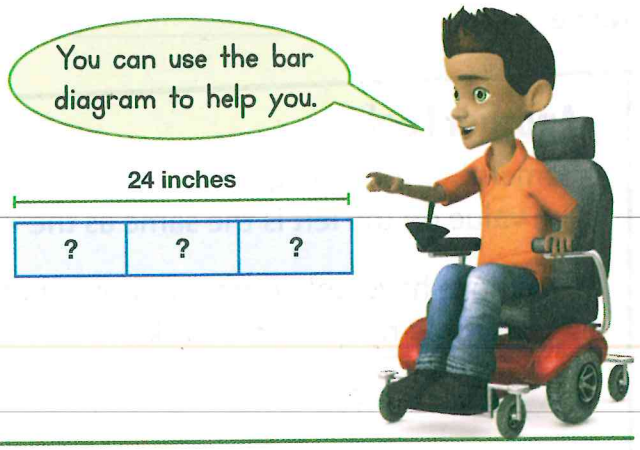
5. $81 \div ? = 9$

In **6** and **7**, write and solve an equation for each problem.

6. A restaurant has 24 chairs and some tables. There are 4 chairs at each table. How many tables are there?

7. Suzanne buys 6 paint sets. Each set contains the same number of brushes. She buys 18 brushes. How many brushes are in each paint set?

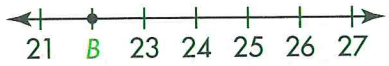
8. Carlos has a string that is 24 inches long. He wants to divide it into 3 equal parts. Write an equation to find how long each part will be. Use ? to represent the unknown number. Then solve your equation.



9. **Higher Order Thinking** Hector spent from Sunday to the following Saturday at the beach. Each day he found an equal number of shells. If Hector found 63 shells, how many shells did he find on Tuesday? Explain your answer.

10. **MP.1 Make Sense and Persevere** Ella solves the equation $32 \div ? = 8$. She says the value of ? is 4. Does Ella's answer make sense? Explain.

11. **MP.2 Reasoning** Do points *A* and *B* represent the same number, or do they represent different numbers? Explain.



Common Core Assessment

12. Bruce arranges 35 pencils on his desk into equal groups of 7. How many groups of pencils are on Bruce's desk?

Bruce says he can write a multiplication equation and a division equation using ? for the unknown value.

Part A

Write and solve a multiplication equation to find the number of groups of pencils.

Part B

Write and solve a division equation to find the number of groups of pencils.

Name _____ Thursday

Vocabulary

1. **Multiplication** is an operation that gives the total number when you join _____.

2. **Division** is an operation that tells how many equal groups there are or how many are in _____.

How many groups of 5 are in 20? You can solve this problem with either multiplication or division.

3. **Multiplication**
What number times 5 equals 20?

_____ × 5 = 20

There are _____ groups.

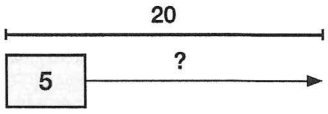
? × 5 = 20

Number of groups — Number in each group — Total number

4. **Division**
Divide the total number by the number in each group.

20 ÷ _____ = _____

There are _____ groups.



5. Use related multiplication and division facts to complete the equations.

3 × _____ = 24	4 × _____ = 36	42 ÷ 6 = _____
24 ÷ 3 = _____	36 ÷ 4 = _____	6 × _____ = 42

6. Complete the fact family for 6, 8, and 48.

6 × 8 = _____	8 × 6 = _____
_____ ÷ _____ = 6	_____ ÷ _____ = 8

On the Back!

7. Maria has 24 books. She wants to place the books in a bookcase with 6 books on each shelf. How many shelves will Maria need? Draw a bar diagram for the problem. Write the division problem and then use a related multiplication fact to solve it.

