

## 4<sup>th</sup> Grade Lesson Outline

Week : October 12 - 16, 2020

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>4.1 MATH</b>	<b>Standards:</b> Unit 1 Place Value - NBT1, NBT2, NBT3, NBT4, OA3, MD2 <b>Content Vocabulary:</b> product, quotient, remainder				
	No School	No School	<b>Learning Target:</b> I can interpret what a remainder means and what I should do with it.  <b>Independent Work:</b> 1. My Math p. 362 2. Iready Math  <b>Grades: None</b>	<b>Learning Target:</b> I can divide and interpret a remainder.  <b>Independent Work:</b> 1. My Math p. 364 2. Xtra math  <b>Grades: None</b>	<b>Learning Target:</b> I can multiply and divide to solve word problems.  <b>Independent Work:</b> 1. My Math p. 304 & 403 2. IReady Math  <b>Grades: None</b>
<b>4.2 Math</b>	<b>Standard:</b> MD6, MD7, MD8 <b>Content Vocabulary:</b> additive angle, missing angle, protractor				
	No School	No School	<b>Learning Target:</b> I can find missing angle measures.  <b>Independent Work:</b> 1. My Math p.913-914 2. IReady Math  <b>Grades: None</b>	<b>Learning Target:</b> I can find missing angle measures.  <b>Independent Work:</b> 1. My Math p.915-916 2.Xtra Math  <b>Grades: None</b>	<b>Learning Target:</b> I can determine angle measurements with and without a protractor.  <b>Independent Work/Grade:</b> 1. 4.2 Measuring Angles-Grade Illuminate <a href="#">B8TYVVN</a>
	<b>Standard:</b> RI2 <b>Content Vocabulary:</b> main idea, key details				
<b>READING</b>	No School	No School	<b>Learning Target:</b> I can identify key details in a text.  <b>Independent Work/Grade:</b> 1. Readworks <i>Colonization &amp; Revolutionary War - The Declaration of Independence (due Friday)</i> 2. Complete Teacher Assigned iReady –MI & Key Details 3. iReady Reading	<b>Learning Target:</b> I can identify key details in a text.  <b>Independent Work/Grade:</b> 1. Readworks <i>Colonization &amp; Revolutionary War - The Declaration of Independence (due Friday)</i> 2. Complete Teacher Assigned iReady –MI & Key Details 3. iReady Reading	<b>Learning Target:</b> I can identify key details in a text.  <b>Independent Work/Grade:</b> 1. Roadworks <i>Colonization &amp; Revolutionary War - The Declaration of Independence (Due Friday)</i> 2. Complete Teacher Assigned iReady –MI & Key Details 3. iReady Reading
<b>ACC (5<sup>th</sup>) Reading</b>	<b>Standards:</b> RI2 <b>Content Vocabulary:</b> main idea, key details				
	No School	No School	<b>Learning Target:</b> I can identify key details in a text.  <b>Independent Work/Grade:</b> 1. Readworks Non-Colonists in the	<b>Learning Target:</b> I can identify key details in a text.  <b>Independent Work/Grade:</b> 1. Readworks Non-Colonists in the	<b>Learning Target:</b> I can identify key details in a text.  <b>Independent Work/Grade:</b> 1. Readworks Non-Colonists in the

			American Revolution (due Friday) 2. Complete Teacher Assigned iReady –MI & Key Details 3. iReady Reading	American Revolution (due Friday) 2. Complete Teacher Assigned iReady –MI & Key Details 3. iReady Reading	American Revolution (due Friday) 2. Complete Teacher Assigned iReady –MI & Key Details 3. iReady Reading
<b>WRITING</b>	<b>Standards:</b> 4L1, 4L2 <b>Content Vocabulary:</b> quotation marks, commas				
	No School	No School	<b>Learning Target:</b> I can identify correct punctuation in dialogue.  <b>Independent Work:</b> None  <b>Grades:</b> None	<b>Learning Target:</b> I can identify correct punctuation in dialogue.  <b>Independent Work:</b> Writing Sentences with Quotation Marks on class notebook.  <b>Grades:</b> None	<b>Learning Target:</b> I can identify correct punctuation in dialogue.  <b>Independent Work/Grade:</b> Commas and Quotation Marks Illuminate code <b>GWPC52G</b>
<b>ACC Writing</b>	<b>Standards:</b> SE5L2 <b>Content Vocabulary:</b> titles, quotation marks, italicized				
	No School	No School	<b>Learning Target:</b> I can correctly punctuate a title.  <b>Independent Work:</b> Review notes CN: 10/14 Punctuating Titles  <b>Grades:</b> None	<b>Learning Target:</b> I can correctly punctuate a title.  <b>Independent Work:</b> CN: 10/15 Titles Practice  <b>Grades:</b> None	<b>Learning Target:</b> I can correctly punctuate a title.  <b>Independent Work/Grade:</b> Punctuating Titles Illuminate code <b>5DH7ZMU</b>
<b>SOCIAL STUDIES/ SCIENCE</b>	<b>Standards:</b> American Revolution <b>Content Vocabulary:</b> Rotation, axis, tilt				
	No School	No School	<b>Learning Target:</b> I can review the people and events of the American Revolution.  <b>Independent Work:</b> Kahoot review  <b>Grades:</b> None	<b>Learning Target:</b> I can show what I know about the American Revolution.  <b>Independent Work/Grade:</b> American Revolution Quiz on Illuminate code <b>CMMWND9</b>	<b>Learning Target:</b> I can explain the day and night cycle using a model of the Earth.  <b>Independent Work:</b> Finish 3 column notes  <b>Grades:</b> None

#### 4.1 Answer Keys

**Multiply.**

$$\begin{array}{r} 7. \quad 44 \\ \times 87 \\ \hline 3,828 \end{array}$$

$$\begin{array}{r} 8. \quad 77 \\ \times 22 \\ \hline 1,694 \end{array}$$

**Problem Solving**

9. Mrs. Taylor gave each of her students 75 pieces of paper at the beginning of the school year. If there are 32 students in her class, how many pieces of paper did she give out altogether?  
**2,400 pieces**
10. Mr. Matthews gives each of his 32 students 15 minutes to present a book report to the class. How many minutes will it take for all of his students to present their reports?  
**480 minutes or 8 hours**
- Mathematical PRACTICE 2 Use Symbols** George collects 25 baseball cards each month. How many cards will he have at the end of one year? Complete the equation to help you solve the problem.  
 $25 \times \underline{12} = n$   
**300 baseball cards**
12. The office building is 48 floors high. Each floor has 36 windows. How many windows does the building have in all?  
**1,728 windows**

**Test Practice**

13. There are 26 rows of bleachers in the school gym. At the pep rally, there were 17 students sitting in each row. How many students were there in all?
- A 43 students     C 208 students  
 B 182 students     D 442 students

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**Practice**

**Divide. Interpret the remainder.**

1. Tyler is planting 60 trees at the apple orchard. He will plant 8 trees in each row. How many full rows of trees will Tyler plant?  
**7** rows

$$\begin{array}{r} 7 \text{ R}4 \\ 8 \overline{)60} \\ \underline{-56} \\ 4 \end{array}$$

2. Ms. Ling bought party hats for the 86 fourth graders at her school. The hats come in packages of 6. How many packages did Ms. Ling buy?  
**15** packages

$$\begin{array}{r} 14 \text{ R}2 \\ 6 \overline{)86} \\ \underline{-6} \\ 26 \\ \underline{-24} \\ 2 \end{array}$$

**Problem Solving**

3. Wezi has sixty-eight \$1-bills. He takes the \$1-bills to the bank to exchange them for \$5-bills. How many \$5-bills does Wezi get?  
**Wezi will get thirteen \$5 bills.**
- Mathematical PRACTICE 2 Reason** Henry decorates the top of each cupcake with 3 walnuts. If he has 56 walnuts, is that enough to decorate 2 dozen cupcakes? Explain.  
**no; He has enough for 18 cupcakes, which is less than 2 dozen, or 24.**

**Test Practice**

5. Janice bought juice packets for the 15 players on the soccer team. The juice packets come in boxes of 6. How many boxes did Janice buy?
- A 5 boxes     C 3 boxes  
 B 4 boxes     D 2 boxes

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Name \_\_\_\_\_

### Problem Solving

18. A football coach orders 30 jerseys for his football team. The jerseys cost \$29 each. What is the total cost of the jerseys?

**\$870**

19. Julio scores 18 points in each basketball game. If there are 14 games in a season and Julio continues to score 18 points each game, how many points will Julio score?

**252 points**

20. There are 30 students in each class. There are 27 classrooms. How many students are there altogether?

**810 students**

21. Tamara makes \$12 an hour. She worked 28 hours this week. About how much money will she make?

**Sample answer: about \$280**

22. Austin's allowance is \$15 per week. He spends \$4 each week on baseball cards. How much money will Austin have at the end of 12 weeks?

**\$132**

### Test Practice

23. A jumbo can of vegetables has 36 servings. How many servings of vegetables are in 18 cans?

- A 648 servings     C 608 servings  
 B 324 servings     D 54 servings

My World

My Chapter Review 319

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Name \_\_\_\_\_

### Problem Solving

20. Clara's total score for 3 games of bowling is 312. If Clara earned the same score for each game, what was her score for each game?

**104**

21. There are 3,250 buttons. If they are divided into groups of 8, how many groups are there? Interpret the remainder.

**406 R2; There are 406 groups with 2 buttons left over.**

22. The Nair family collected 2,400 pennies. The pennies will be divided evenly among the 4 children. How many dollars will each child get?

**\$6**

23. On Saturday, 1,164 people saw a movie at Upcity Theater. There were a total of 4 movie screens with the same number of people in each audience. About how many people watched each screen?

**Sample answer:  $1,200 \div 4 = 300$  people**

24. Holden and Alma earned \$32 by doing yard work in their neighborhood. They will share their money equally. How much money will each person get?

**\$16**

### Test Practice

25. Casey and her two friends made \$54 selling lemonade in their neighborhood. They will share their money equally. How much money will each person get?

- A \$18     C \$27  
 B \$20     D \$54

My World

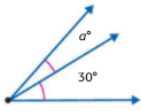
My Chapter Review 403

## 4.2 Answer Keys

### Independent Practice

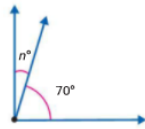
**Algebra** Find each unknown.

4. The combined angle measure is  $50^\circ$ .



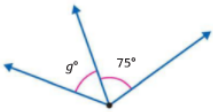
$a = \underline{20}$

5. The combined angle measure is  $90^\circ$ .



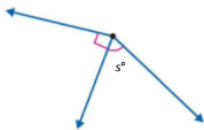
$n = \underline{20}$

6. The combined angle measure is  $125^\circ$ .



$g = \underline{50}$

7. The combined angle measure is  $150^\circ$ .



$s = \underline{60}$

8. Draw a triangle with one right angle.

See students' drawings.

Find the combined measure of the three angles.

$\underline{180^\circ}$

9. Draw a triangle with one obtuse angle.

See students' drawings.

Find the combined measure of the three angles.

$\underline{180^\circ}$

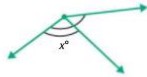
### Problem Solving

10. The steps on a staircase should be  $90^\circ$ . One of the steps is crooked. The angle formed is  $15^\circ$  too large. What is the angle of that step?



$\underline{105^\circ}$

11. **Mathematical PRACTICE** **Model Math** The combined measure of the angles is  $150^\circ$ . One angle measures  $50^\circ$ . Find the value of  $x$ .

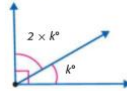


$\underline{100^\circ}$

### Hot Problems

12. **Mathematical PRACTICE** **Understand Symbols** Find the value of  $k$ .

$k = \underline{30}$



13. **Building on the Essential Question** How is addition related to angle measurement?

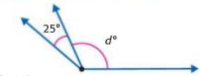
**Sample answer:** An angle can be decomposed into non-overlapping parts. The angle measure of the whole is the sum of the angle measures of the parts.

## MY Homework

**Lesson 7**  
Solve Problems with Angles

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**Find the measure of the unknown angle.**  
The combined angle measure is  $140^\circ$ .



Use an equation.

You know the total measure is  $140^\circ$ . One angle is  $25^\circ$ .

Let  $d$  represent the unknown angle measure.

$$25 + d = 140$$

Since  $25 + d = 140$ , you know that  $140 - 25 = d$ . **Addition and subtraction are inverse, or opposite operations.**

$$d = 140 - 25$$

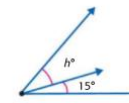
$$d = 115$$

So, the measure of the unknown angle is  $115^\circ$ .

### Practice

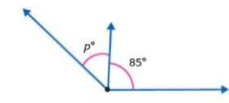
**Algebra** Find each unknown.

1. The combined angle measure is  $50^\circ$ .



$h = \underline{35}$

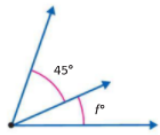
2. The combined angle measure is  $135^\circ$ .



$p = \underline{50}$

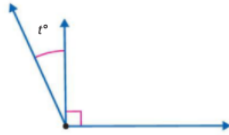
**Algebra Find each unknown.**

3. The combined angle measure is  $70^\circ$ .



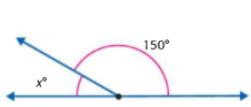
$f = \underline{25}$

4. The combined angle measure is  $115^\circ$ .



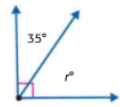
$t = \underline{25}$

5. The combined angle measure is  $180^\circ$ .



$x = \underline{30}$

6. Find the value of  $r$ .



$r = \underline{55}$

**Problem Solving**

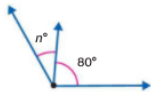
**7. Mathematical PRACTICE Make a Plan** Suppose you draw a line from the center of a clock face to the number 12. When the minute hand gets to 3 on the clock face, the line and minute hand form a  $90^\circ$  angle. What angle does the line and the minute hand make when the minute hand is on 2?

$60^\circ$

**Test Practice**

8. The combined angle measure is  $120^\circ$ . What is the value of  $n$ ?

- A 45
- B 40
- C 35
- D 30



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