Prologue/Chapter 1

Vocabulary:

- Inhabited -
- Endeavor -
- Successor -
- Procedure -
- Briskly -
- Wretched -
- Evaluation -

Questions:

1. Where does the city of Ember get its light from?

2. Describe Lina Mayfleet.

3. What happens on Assignment Day?

4. What was kept in the storerooms?

5. What were some of the assignments the children of Ember could be assigned to?

6. Compare Lina and Doon's personalities at the beginning of the book.

7. Why did Doon want to switch jobs with Lina?

Chapter 2

Vocabulary

- Equipped -
- Obstacles -
- Immensely -
- Unraveled -
- Twitching -
- Scavengers -
- Converse -

Questions:

1. Why did Lina and Doon stop being friends when they were younger?

2. Describe the house Lina lives in.

3. Why does Lina live with her Granny?

4. What did Lina have hanging up all over her room?

5. What did Lina think of her new job after her first few message assignments?

6. What was her message to the Mayor?

7. How did the city of Ember keep track of hours and time with no sun to guide them?

8. What did Lina do at the Gathering Hall that could have cost her her job?

Chapter 3

Vocabulary

- Anticipation -
- Investigation -
- Raucous -
- Clamor -
- Plodding -

Questions

1. Describe what the Pipeworks were like.
2. How did Doon get into the generator area?
3. What do you think Doon was hoping to learn from seeing the generator?
4. What does Doon's Father do for a job?
5. Doon learned a lot on his first day in the Pipeworks. What did he learn about himself?
6. What is Doon's plan as he continues working down in the pipeworks?

Chapter 4

Vocabulary

- Absolute -
- Occasional -
- Ruffled -
- Infected -
- Gleaming -
- Ignite -
- Dissolved -

Questions

1. What is Granny looking for when Lina comes home?
2. How is Granny's forgetfulness becoming dangerous?
3. What do we learn about Granny's Grandfather?
4. What did Clary say was the problem with the potatoes?
5. What would happen if the city of Ember couldn't grow crops?
6. Where had Sadge been?
7. What was the problem with trying to explore past the city?

Chapter 5

Vocabulary

- Turnip
- Fierce
- Defiant
- Incoherently
- Hobbled
- Scolded

Questions

1. What was special about Thursdays?

2. What prized possession does Lina buy from Looper? For how much money?

3. Can you think of something you would be willing to pay 5 times the cost for just to have?
4. What happened while Lina was looking at the pencils?

5. What kinds of worrisome thoughts were possibly going through Lina's head when she couldn't find Poppy in the dark?

6. Who found Poppy?

7. What is your opinion of Doon at this point in the story? Do you like him? Why or why not?

8. How did losing Poppy change how happy Lina was about her colored pencils?

Super-Journal Week 2:6

Every night, you should be reading at least 30 minutes of whatever book you have checked out from your assigned reading list. Tape or glue (but do not staple) this sheet into your Super-Journal on the left-side page. Fill in the table below *every day* by recording the required data.

Day	Title	Start Pg.	End Pg.	Parent Sign.
Monday				
Tuesday				
Wednesday				
Thursday				
Friday				
Saturday				
Sunday				

On the right-side page of your Super-Journal, answer one of the questions below throughout the week. Be sure that the questions you choose to answer go with the appropriate type of book (Fiction or Nonfiction). The Super-Journal is due on the first day after the weekend (usually Monday).

FICTION

1. You will be making 5 whole page illustrations based off of 5 separate quotes from your reading. Each illustration should take an entire page. Make sure that you write the quote, and the page number you got your quote from at the bottom of each illustration.

Don't forget to color them!

NONFICTION

1. What is this text about?
2. Summarize the main ideas in 5 sentences.

RL.3.7/RI.1.2

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Name _____

Word Problems

Solve each problem. Show your work and check your answer.

1. A Train traveled 130 miles in 2 hours. The same distance was traveled each hour. How far did the train travel each hour?

   The train traveled _____ miles each hour.

2. There are 780 calories in 6 granola bars. How many calories are there in each granola bar?

   Each granola bar has _____ calories.

3. A hospital ordered 213 new blankets. The blankets will be delivered in 3 equal shipments. How many blankets will be in each shipment?

   Each shipment will have _____ blankets.

4. The school chorus has 108 members. How many rows of 12 members can be formed?

   _____ rows of 12 members can be formed.

5. A factory filled 9,342 bottles in 3 hours. The same number of bottles were filled each hour. How many bottles were filled each hour?

   _____ bottles were filled each hour.

6. Mr. Wagner has 288 bricks. He is building a new patio. How many rows of 9 bricks can he lay for the new patio?

   Mr. Wagoner can lay _____ rows of 9 bricks each.

7. Tina earned $132.00 babysitting in 6 months. She earned the same amount each month. How much did Tina earn babysitting each month?

   Tina earned $_____ each month.

8. There are 4,064 calories in 8 pints of strawberry ice cream. How many calories are there in each pint of strawberry ice cream?

   There are _____ calories in each pint of ice cream.

1.	2.
3.	4.
5.	6.
7.	8.

Name _____

It's a Riddle!

Solve each problem. Look for the answer in the riddle below and write the letter of the problem on the line. Not all letters will be used.

C	Maria takes 24 photos at the circus and 72 photos on her vacation. If each page in her scrapbook can hold 6 photos, how many pages can Maria fill? _____	I	Carmen and Wayne sell 25 birdhouses at a craft fair. They share the money equally. If each birdhouse costs $14, how much money will Carmen and Wayne each receive? _____
R	José uses 3 flowers for each corsage he makes. He has orders for 18 corsages each from two different stores. How many flowers will he need? _____	L	Mr. Davis sells sleeping bags. He has 30 red sleeping bags and 26 green sleeping bags to put on shelves. Each shelf can hold 8 sleeping bags. How many shelves can he fill? _____
Y	Taren makes 62 chocolate chip cookies and 74 oatmeal cookies. If she places 8 cookies on a plate for the bake sale, how many plates will Taren need? _____	T	Keisha bought 10 bags of apples. There are 15 apples in each bag. If Keisha repacks the apples into 5 bags, how many apples will be in each bag? _____
N	Chan and his two sisters make and sell jewelry. They sell each piece of jewelry for $9 and agree to share the money equally. If they sell 38 pieces of jewelry in all, how much money will each person receive? _____	E	Linh orders 16 blueberry muffins and 24 cranberry muffins from a bakery. The bakery places 8 muffins in each package. How many packages will Linh have to pick up? _____

Which city has no people?

5	7	5	16	30	108	175	16	175	30	17

Represent Division of 2-Digit Divisors

Name _____

Review

It can help to start with divisors that are multiples of 10 when making your area models to find a quotient.

792 ÷ 36

36	
36 × 10 = 360	10
36 × 10 = 360	10
36 × 2 = 72	+ 2
	22

792 ÷ 36 = 22

792
− 360
432
− 360
72
− 72
0

Find each quotient. Use an area model to solve.

1. 840 ÷ 24 = _____

2. 6,532 ÷ 71 = _____

3. 858 ÷ 26 = _____

4. 22,464 ÷ 54 = _____

Lesson 7-3 • Extend Thinking

Represent Division of 2-Digit Divisors

Name _____

Complete each area model. Write the resulting equation.

1. _____ ÷ _____ = _____

___ × 10 = 160	10
___ × 8 = ___	+ 8
	___

3. _____ ÷ _____ = _____

47 × ___ = 940	___
___ × ___ = ___	+ 3
	___

2. _____ ÷ _____ = _____

35 × ___ = 2,100	___
___ × ___ × ___	+ 3
	___

4. _____ ÷ _____ = _____

72 × 100 = _____	___
72 × ___ = 2,160	___
___ × 9 = ___	+ ___
	___

Use Partial Quotients to Divide

Name _____

Find each quotient. Circle your answers in the number search. Answers can be written horizontally, vertically, or diagonally.

9	2	3	6	8
4	1	5	0	5
3	8	9	4	1
5	2	2	7	9
6	2	6	3	5

1. $972 \div 36 =$ _____

2. $1{,}425 \div 19 =$ _____

3. $294 \div 14 =$ _____

4. $2{,}516 \div 37 =$ _____

5. $1{,}562 \div 22 =$ _____

6. $1{,}080 \div 18 =$ _____

7. $2{,}280 \div 95 =$ _____

8. $1{,}862 \div 49 =$ _____

Complete the table below with your circled numbers. Numbers can appear as more than one factor.

2 is a factor	3 is a factor	4 is a factor	5 is a factor

Which number(s) are left out of the table? _____

Use Partial Quotients to Divide

Name _____

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Relate Partial Quotients to an Algorithm

Name _____

Review

Find the quotient of $7\overline{)305}$.

When dividing, you can use partial quotients or an algorithm.

Partial Quotients	Algorithm
$7\overline{)305}$ -280 40 25 -21 3 4 $43\frac{4}{7}$	$43\frac{4}{7}$ $7\overline{)305}$ -28 25 -21 4

The quotient is $43\frac{4}{7}$.

What is the quotient? Use partial quotients to divide.

1. $6\overline{)402}$

2. $9\overline{)928}$

What is the quotient? Use an algorithm to divide.

3. $4\overline{)356}$

4. $8\overline{)419}$

Relate Partial Quotients to an Algorithm

Name _____

Tyrel collects marbles. He has 5,616 marbles. He has gold, blue, purple, and red marbles which he has distributed among 9 storage boxes evenly.

1. One-third of each box contains gold marbles. How many gold marbles are in one box?

2. How many gold marbles are there in all?

3. One-eighth of each box contains blue marbles. How many blue marbles are in one box?

4. How many blue marbles are there in all?

5. Half of the marbles in each box are purple. How many purple marbles are in one box?

6. How many purple marbles are there in all?

7. All of the other marbles are red. How many red marbles are there in all?

Lesson 7-6 • Reinforce Understanding

Use an Algorithm to Divide

Name _____

Review

You can use an algorithm to divide. Sometimes the quotient has a remainder.

$175 \div 15$

$$\begin{array}{r} 11 \\ 15\overline{)175} \\ -15 \\ \hline 25 \\ -\ 15 \\ \hline 10 \end{array}$$

$175 \div 15 = 11\frac{10}{15}$

Use an algorithm to solve. Two of the answers will have remainders.

1. $756 \div 12 =$ _____

2. $825 \div 58 =$ _____

3. $2{,}366 \div 26 =$ _____

4. $3{,}535 \div 82 =$ _____

Use an Algorithm to Divide

Name _____

Use the values provided to create a division problem resulting in the given quotients. Use each value only once. Show your work using an algorithm to solve.

Dividends	450	483	485	490
Divisors	15	19	23	26

1. _____ ÷ _____ = 21 R2

2. _____ ÷ _____ = 32 R10

3. _____ ÷ _____ = 25 R8

4. _____ ÷ _____ = 17 R8

Solve Multi-Step Problems Involving Division

Name _____

Review

A company has 958 striped marbles and 716 solid marbles to sell. It is packaging all of the marbles into bags which hold 32 marbles each. How many bags of marbles will the company be able to make?

First add the striped and solid marbles to find the total number of marbles.

$$\begin{array}{r} 958 \\ +\,716 \\ \hline 1{,}674 \end{array}$$

Then use an algorithm to divide to find the number of bags.

$$\begin{array}{r} 52\frac{10}{32} \\ 32\overline{)\,1{,}674} \\ -\,160 \\ \hline 74 \\ -\,64 \\ \hline 10 \end{array}$$

Solve. Record your thinking.

1. A company is packaging balloons to sell. The company had 2,800 balloons but has already sold 340 balloons. Each package holds 24 balloons. How many packages of balloons will the company be able to make?

2. What if the company increases the number of balloons in each package by 11? How many packages of balloons will the company be able to make?

3. The company wants to put the same number of balloons in each package with no balloons left over. Should the company place 32 or 30 balloons in each package?

Solve Multi-Step Problems Involving Division

Name _____

1. Fiona is trying to decide how to package her homemade stationary cards. She had 1,300 cards to package, but gave away 146 as gifts. She can package the rest in groups of 12, 16, or 18. Which option will result in the least number of unpackaged cards?

2. Coach Alvarez is ordering charter buses for the local college football team. He needs to transport 97 players and 28 personnel. One company offers a charter bus that holds 47 people. Another company offers a charter bus that holds 56 people. Which option should he go with in order to have the least number of empty seats on the remaining bus? How many empty seats will there be?

3. A number divided by 27 results in a quotient of 15 with a remainder of 5. What is the number? Show your work.

4. A number divided by 32 results in a quotient of 14 with a remainder of 9. What is the number? Show your work.