Grade 5 Summer Reading Project

Book Jacket Book Report

Objective: Create a book jacket that tells about the book you read.

Directions:
Front Cover: Include the Title, Author's Name, Your Name, and draw an **original** cover for the book. Do not copy the book's front cover!

Back Cover: On the back, write a summary of the events. Remember, a summary states FACTS about the book. **Include characters, setting, and plot details.**

Inside Flap: Write down reasons why you liked the book. Try to persuade others to read the book.

DUE on Wednesday, September 10th, 2018

Rubric:

	Points Possible	Points Earned
1. Front Cover Includes: Title/Author, Name/Date, Illustration, Neatness/Effort	20	_____
2. Back Cover Includes: Setting, Character, Plot, Neatness/Effort, Grammar/Spelling	35	_____
3. Inside Flap: Includes 3 Reasons with Explainations	20	_____
4. Oral Presentation Introduce the book, Summarize the Story, Share your opinion of story with explanations, Use Eye Contact, good volume, and clarity.	25	_____
Total	100	_____

Name _____ Date _____

Mathematics Summer Project Grade 4 to 5

Please answer all worksheet problems for Grade 5.

Please show all work on loose leaf. Number your problems.

You MUST show all work for credit. If you use scrap paper, please number your problems and attach it to the packet.

It is wise to begin working on this Math in June. Do a few problems at a time so that you don't become discouraged.

You will be able to get another copy on line if you lose yours. If you need help, it can be found on the Internet by typing (how to find/solve multiplication/division of decimals; place value of decimals; addition, subtraction, multiplication, & division of fractions, etc.).

This assignment will be due, completed on the first full day of school. Remember, no credit will be given for problems that don't have work.

Name _____

ALGEBRA
Lesson 1.4

Powers of 10 and Exponents

COMMON CORE STANDARD CC.5.NBT.2
Understand the place value system.

Write in exponent form and word form.

1. $10 \times 10 \times 10$

exponent form: 10^3

word form: the third power of ten

2. 10×10

exponent form: _____

word form: _____

3. $10 \times 10 \times 10 \times 10$

exponent form: _____

word form: _____

Find the value.

4. 10^3

5. 4×10^2

6. 9×10^4

7. 10^1

8. 10^5

9. 5×10^1

10. 7×10^3

11. 8×10^0

Problem Solving REAL WORLD

12. The moon is about 240,000 miles from Earth. What is this distance written as a whole number multiplied by a power of ten?

13. The sun is about 93×10^6 miles from Earth. What is this distance written as a whole number?

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TEST PREP

Lesson Check (CC.5.NBT.2)

1. Which of the following is NOT equivalent to "3 times the sixth power of 10?"

   (A) 3×10^6

   (B) 3,000,000

   (C) $3 \times 10 \times 6$

   (D) $3 \times 1{,}000{,}000$

2. Gary mails 10^3 flyers to clients in one week. How many flyers does Gary mail?

   (A) 10

   (B) 100

   (C) 1,000

   (D) 10,000

Spiral Review (Reviews CC.4.NBT.5, CC.4.NBT.6)

3. Harley is loading 625 bags of cement onto small pallets. Each pallet holds 5 bags. How many pallets will Harley need? (Grade 4)

   (A) 125

   (B) 620

   (C) 630

   (D) 3,125

4. Marylou buys a package of 500 jewels to decorate 4 different pairs of jeans. She uses the same number of jewels on each pair of jeans. How many jewels will she use for each pair of jeans? (Grade 4)

   (A) 100

   (B) 125

   (C) 200

   (D) 2,000

5. Manny buys 4 boxes of straws for his restaurant. There are 500 straws in each box. How many straws does he buy? (Grade 4)

   (A) 20,000

   (B) 2,000

   (C) 200

   (D) 125

6. Cammie goes to the gym to exercise 4 times per week. Altogether, how many times does she go to the gym in 10 weeks? (Grade 4)

   (A) 4

   (B) 10

   (C) 20

   (D) 40

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Name _____

Lesson 1.6

Multiply by 1-Digit Numbers

COMMON CORE STANDARD CC.5.NBT.5

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Estimate. Then find the product.

1. Estimate: 3,600

$$\begin{array}{r} {\scriptstyle 1\,5} \\ 416 \\ \times\ \ 9 \\ \hline 3,744 \end{array}$$

2. Estimate: _____

$$\begin{array}{r} 1,374 \\ \times\ \ 6 \\ \hline \end{array}$$

3. Estimate: _____

$$\begin{array}{r} 726 \\ \times\ \ 5 \\ \hline \end{array}$$

4. Estimate: _____

$$\begin{array}{r} 872 \\ \times\ \ 3 \\ \hline \end{array}$$

5. Estimate: _____

$$\begin{array}{r} 2,308 \\ \times\ \ 9 \\ \hline \end{array}$$

6. Estimate: _____

$$\begin{array}{r} 1,564 \\ \times\ \ 5 \\ \hline \end{array}$$

Estimate. Then find the product.

7. 4×979

8. 503×7

9. $5 \times 4,257$

10. $6,018 \times 9$

11. 758×6

12. 3×697

13. $2,141 \times 8$

14. $7 \times 7,956$

Problem Solving REAL WORLD

15. Mr. and Mrs. Dorsey and their three children are flying to Springfield. The cost of each ticket is $179. Estimate how much the tickets will cost. Then find the exact cost of the tickets.

16. Ms. Tao flies roundtrip twice yearly between Jacksonville and Los Angeles on business. The distance between the two cities is 2,150 miles. Estimate the distance she flies for both trips. Then find the exact distance.

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TEST PREP

Lesson Check (CC.5.NBT.5)

1. Mr. Nielson works 154 hours each month. He works 8 months each year. How many hours does Mr. Nielson work each year?

   (A) 832 hours

   (B) 1,232 hours

   (C) 1,502 hours

   (D) 1,600 hours

2. Sasha lives 1,493 miles from her grandmother. One year, Sasha's family made 4 round trips to visit her grandmother. How many miles did they travel in all?

   (A) 5,972 miles

   (B) 8,944 miles

   (C) 11,944 miles

   (D) 15,944 miles

Spiral Review (Reviews CC.4.NBT.2, CC.4.NBT.3, CC.4.NF.6; CC.5.NBT.1)

3. Yuna missed 5 points out of 100 points on her math test. What decimal number represents the part of her math test that she answered correctly? (Grade 4)

   (A) 0.05

   (B) 0.50

   (C) 0.75

   (D) 0.95

4. Which symbol makes the statement true? (Grade 4)

   602,163 ◯ 620,163

   (A) >

   (B) <

   (C) =

   (D) ÷

5. The number below represents the number of fans that attended Chicago Cubs baseball games in 2008. What is this number written in standard form? (Lesson 1.2)

   $(3 \times 1{,}000{,}000) + (3 \times 100{,}000) + (2 \times 100)$

   (A) 33,300,200

   (B) 30,300,200

   (C) 3,300,200

   (D) 330,200

6. A fair was attended by 755,082 people altogether. What is this number rounded to the nearest ten thousand? (Grade 4)

   (A) 800,000

   (B) 760,000

   (C) 750,000

   (D) 700,000

Name _____

Multiply by 2-Digit Numbers

COMMON CORE STANDARD CC.5.NBT.5

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Estimate. Then find the product.

1. Estimate: 4,000

$$\begin{array}{r} 82 \\ \times\ 49 \\ \hline 738 \\ +\ 3280 \\ \hline 4{,}018 \end{array}$$

2. Estimate: _____

$$\begin{array}{r} 92 \\ \times\ 68 \\ \hline \end{array}$$

3. Estimate: _____

$$\begin{array}{r} 396 \\ \times\ 37 \\ \hline \end{array}$$

4. 23×67

5. 86×33

6. 78×71

7. 309×29

8. 612×87

9. 476×72

Problem Solving REAL WORLD

10. A company shipped 48 boxes of canned dog food. Each box contains 24 cans. How many cans of dog food did the company ship in all?

11. There were 135 cars in a rally. Each driver paid a $25 fee to participate in the rally. How much money did the drivers pay in all?

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TEST PREP

Lesson Check (CC.5.NBT.5)

1. A chessboard has 64 squares. At a chess tournament 84 chessboards were used. How many squares are there on 84 chessboards?

   (A) 4,816

   (B) 5,036

   (C) 5,166

   (D) 5,376

2. Last month, a manufacturing company shipped 452 boxes of ball bearings. Each box contains 48 ball bearings. How many ball bearings did the company ship last month?

   (A) 21,296

   (B) 21,686

   (C) 21,696

   (D) 21,706

Spiral Review (CC.5.NBT.1, CC.5.NBT.2, CC.5.NBT.5, CC.5.NBT.6)

3. What is the standard form of the number three million, sixty thousand, five hundred twenty? (Lesson 1.2)

   (A) 3,060,520

   (B) 3,065,020

   (C) 3,600,520

   (D) 3,652,000

4. What number completes the following equation? (Lesson 1.3)

   $8 \times (40 + 7) = (8 \times \quad) + (8 \times 7)$

   (A) 40

   (B) 47

   (C) 320

   (D) 376

5. The population of Clarksville is about 6,000 people. What is Clarksville's population written as a whole number multiplied by a power of ten? (Lesson 1.4)

   (A) 6×10^1

   (B) 6×10^2

   (C) 6×10^3

   (D) 6×10^4

6. A sporting goods store ordered 144 cans of tennis balls. Each can contains 3 balls. How many tennis balls did the store order? (Lesson 1.6)

   (A) 342

   (B) 412

   (C) 422

   (D) 432

Name _____

COMMON CORE STANDARDS CC.5.OA.1, CC.5.OA.2, CC.5.NBT.1, CC.5.NBT.2, CC.5.NBT.5, CC.5.NBT.6

Chapter 1 Extra Practice

Lessons 1.1 - 1.2

Complete the sentence.

1. 300 is 10 times as much as _____.

2. 400 is $\frac{1}{10}$ of _____.

Write the value of the underlined digit.

3. 4<u>5</u>,130

4. 8,<u>1</u>23,476

5. 153,<u>4</u>71

6. 6,5<u>8</u>3,450

_____ _____ _____ _____

Lesson 1.3

Complete the equation, and tell which property you used.

1. $(18 \times 2) \times 5 = 18 \times (2 \times$ _____$)$

2. $64 + 58 =$ _____ $+ 64$

_____ _____

_____ _____

Lessons 1.4 - 1.5

Find the value.

1. 10^2

2. 10^5

3. 6×10^3

4. 8×10^7

_____ _____ _____ _____

5. $(6 \times 7) \times 10^3$

6. $(5 \times 4) \times 10^2$

7. $(3 \times 9) \times 10^6$

8. $(5 \times 8) \times 10^0$

_____ _____ _____ _____

Lessons 1.6 - 1.7

Estimate. Then find the product.

1. Estimate _____

$$\begin{array}{r} 429 \\ \times\ \ 5 \\ \hline \end{array}$$

2. Estimate _____

$$\begin{array}{r} 1{,}785 \\ \times\ \ 8 \\ \hline \end{array}$$

3 Estimate _____

$$\begin{array}{r} 81 \\ \times\ 22 \\ \hline \end{array}$$

4. Estimate _____

$$\begin{array}{r} 558 \\ \times\ 44 \\ \hline \end{array}$$

5. 9×802

6. $3{,}699 \times 7$

7. 34×93

8. 678×87

_____ _____ _____ _____

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Lessons 1.8 - 1.9

Solve.

1. Morton and three of his friends earned a total of $168 walking dogs. They want to share the money equally. How much will each person get?

2. To make fruit salad, Sara uses 28 ounces of pineapple, 21 ounces of apples, 19 ounces of bananas, and 16 ounces of mango. How many 6-ounce servings of fruit salad can Sarah make?

Lesson 1.10

Write an expression to match the words.

1. Marilyn has 8 pears. She eats 2 pears.

2. Lee spends $9 on 3 comic books. Each comic book costs the same amount.

3. Al bought 24 stickers. He gave away 11 stickers. Then he bought 8 more stickers.

4. Nicky has 4 boxes of markers. Each box contains 8 markers.

Lessons 1.11 - 1.12

Evaluate the numerical expression.

1. $3 + 4 \times 6$

2. $8 - 2 \times 3$

3. $5 \div 5 \times 7 \div 1$

4. $8 + 56 - 8 \times 4$

5. $12 - (3 + 4)$

6. $[18 \div (2 \times 3)] \times 4$

7. $24 - \{[16 - (8 - 1)] \times 2\}$

Name _____

Place the First Digit

COMMON CORE STANDARD CC.5.NBT.6

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Divide.

1. $4\overline{)388}$

$$\begin{array}{r} 97 \\ 4\overline{)388} \\ -36 \\ \hline 28 \\ -28 \\ \hline 0 \end{array}$$

97

2. $4\overline{)457}$

3. $8\overline{)712}$

4. $9\overline{)204}$

5. $2{,}117 \div 3$

6. $520 \div 8$

7. $1{,}812 \div 4$

8. $3{,}476 \div 6$

Problem Solving REAL WORLD

9. The school theater department made $2,142 on ticket sales for the three nights of their play. The department sold the same number of tickets each night and each ticket cost $7. How many tickets did the theater department sell each night?

10. Andreus made $625 mowing yards. He worked for 5 consecutive days and earned the same amount of money each day. How much money did Andreus earn per day?

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TEST PREP

Lesson Check (CC.5.NBT.6)

1. Kenny is packing cans into bags at the food bank. He can pack 8 cans into each bag. How many bags will Kenny need for 1,056 cans?

   (A) 133

   (B) 132

   (C) 131

   (D) 130

2. Liz polishes rings for a jeweler. She can polish 9 rings per hour. How many hours will it take her to polish 315 rings?

   (A) 45 hours

   (B) 35 hours

   (C) 25 hours

   (D) 15 hours

Spiral Review (CC.5.NBT.2, CC.5.NBT.5, CC.5.NBT.6)

3. Fiona uses 256 fluid ounces of juice to make 1 bowl of punch. How many fluid ounces of juice will she use to make 3 bowls of punch? (Lesson 1.7)

   (A) 56 fluid ounces

   (B) 128 fluid ounces

   (C) 512 fluid ounces

   (D) 768 fluid ounces

4. Len wants to write the number 100,000 using a base of 10 and an exponent. What number should he use as the exponent? (Lesson 1.4)

   (A) 4

   (B) 5

   (C) 10

   (D) 100,000

5. Family passes to an amusement park cost $54 each. Which expression can be used to find the cost in dollars of 8 family passes? (Lesson 1.3)

   (A) $(8 + 50) + (8 + 4)$

   (B) $(8 + 50) \times (8 + 4)$

   (C) $(8 \times 50) + (8 \times 4)$

   (D) $(8 \times 50) \times (8 \times 4)$

6. Gary is catering a picnic. There will be 118 guests at the picnic, and he wants each guest to have a 12-ounce serving of salad. How much salad should he make? (Lesson 1.7)

   (A) 216 ounces

   (B) 1,180 ounces

   (C) 1,416 ounces

   (D) 1,516 ounces

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Name _____

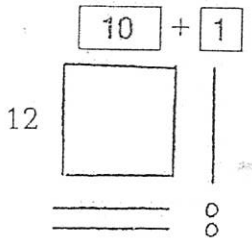
Division with 2-Digit Divisors

COMMON CORE STANDARD CC.5.NBT.6

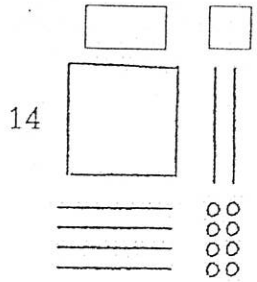
Perform operations with multi-digit whole numbers and with decimals to hundredths.

Use the quick picture to divide.

1. $132 \div 12 =$ _____



2. $168 \div 14 =$ _____



Divide. Use base-ten blocks.

3. $195 \div 13 =$ _____

4. $143 \div 11 =$ _____

5. $165 \div 15 =$ _____

Divide. Draw a quick picture.

6. $192 \div 16 =$ _____

7. $169 \div 13 =$ _____

Problem Solving REAL WORLD

8. There are 182 seats in a theater. The seats are evenly divided into 13 rows. How many seats are in each row?

_____

9. There are 156 students at summer camp. The camp has 13 cabins. An equal number of students sleep in each cabin. How many students sleep in each cabin?

_____

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TEST PREP

Lesson Check (CC.5.NBT.6)

1. There are 198 students in the soccer league. There are 11 players on each soccer team. How many soccer teams are there?

   (A) 17

   (B) 18

   (C) 19

   (D) 21

2. Jason earned $187 for 17 hours of work. How much did Jason earn per hour?

   (A) $11

   (B) $12

   (C) $13

   (D) $14

Spiral Review (CC.5.OA.2, CC.5.NBT.1, CC.5.NBT.5, CC.5.NBT.6)

3. Which number represents six million, seven hundred thousand, twenty? (Lesson 1.2)

   (A) 6,000,720

   (B) 6,007,020

   (C) 6,700,020

   (D) 6,720,000

4. Which expression represents the sentence "Add the product of 3 and 6 to 4?" (Lesson 1.10)

   (A) $(4 + 3) \times 6$

   (B) $4 + (3 \times 6)$

   (C) $4 + (3 + 6)$

   (D) $4 \times 3 + 6$

5. To transport 228 people to an island, the island ferry makes 6 different trips. On each trip, the ferry carries the same number of people. How many people does the ferry transport on each trip? (Lesson 2.2)

   (A) 36

   (B) 37

   (C) 38

   (D) 39

6. Isabella sells 36 tickets to the school talent show. Each ticket costs $14. How much money does Isabella collect for the tickets she sells? (Lesson 1.7)

   (A) $180

   (B) $384

   (C) $404

   (D) $504

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Name _____

Partial Quotients

COMMON CORE STANDARD CC.5.NBT.6

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Divide. Use partial quotients.

1. $18\overline{)236}$

$18\overline{)236}$

-180	$\leftarrow 10 \times 18$	10
56		
-36	$\leftarrow 2 \times 18$	2
20		
-18	$\leftarrow 1 \times 18$	$+ 1$
2		13

$236 \div 18$ is 13 r2.

2. $36\overline{)540}$

3. $27\overline{)624}$

4. $478 \div 16$

5. $418 \div 22$

6. $625 \div 25$

7. $514 \div 28$

8. $322 \div 14$

9. $715 \div 25$

Problem Solving REAL WORLD

10. A factory processes 1,560 ounces of olive oil per hour. The oil is packaged into 24-ounce bottles. How many bottles does the factory fill in one hour?

_____

11. A pond at a hotel holds 4,290 gallons of water. The groundskeeper drains the pond at a rate of 78 gallons of water per hour. How long will it take to drain the pond?

_____

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TEST PREP

Lesson Check (CC.5.NBT.6)

1. Yvette has 336 eggs to put into cartons. She puts one dozen eggs into each carton. How many cartons does she fill?

   (A) 20

   (B) 21

   (C) 27

   (D) 28

2. Ned mows a 450 square-foot garden in 15 minutes. How many square feet of the garden does he mow in one minute?

   (A) 3 square feet

   (B) 30 square feet

   (C) 435 square feet

   (D) 465 square feet

Spiral Review (CC.5.NBT.1, CC.5.NBT.5, CC.5.NBT.6)

3. Raul has 56 bouncy balls. He puts three times as many balls into red gift bags as he puts into green gift bags. If he puts the same number of balls into each bag, how many balls does he put into green bags? (Lesson 1.9)

   (A) 42

   (B) 19

   (C) 14

   (D) 12

4. Marcia uses 5 ounces of chicken stock to make one batch of soup. She has a total of 400 ounces of chicken stock. How many batches of soup can Marcia make? (Lesson 2.2)

   (A) 50

   (B) 80

   (C) 200

   (D) 2,000

5. Michelle buys 13 bags of gravel for her fish aquarium. If each bag weighs 12 pounds, how many pounds of gravel did she buy? (Lesson 1.7)

   (A) 156 pounds

   (B) 143 pounds

   (C) 130 pounds

   (D) 26 pounds

6. Which of the following represents 4,305,012 in expanded notation? (Lesson 1.2)

   (A) 400,000 + 30,000 + 5,000 + 12

   (B) 40,000 + 3,000 + 500 + 10 + 2

   (C) 4,000,000 + 300,000 + 5,000 + 100 + 2

   (D) 4,000,000 + 300,000 + 5,000 + 10 + 2

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Name _____

Estimate with 2-Digit Divisors

COMMON CORE STANDARD CC.5.NBT.6

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Use compatible numbers to find two estimates.

1. $18\overline{)1,322}$

$1,200 \div 20 = 60$

$1,400 \div 20 = 70$

2. $17\overline{)1,569}$

3. $27\overline{)735}$

4. $12\overline{)478}$

5. $336 \div 12$

6. $1,418 \div 22$

7. $16\overline{)2,028}$

8. $2,242 \div 33$

Use compatible numbers to estimate the quotient.

9. $82\overline{)5,514}$

10. $61\overline{)5,320}$

11. $28\overline{)776}$

12. $23\overline{)1,624}$

Problem Solving REAL WORLD

13. A cubic yard of topsoil weighs 4,128 pounds. About how many 50-pound bags of topsoil can you fill with one cubic yard of topsoil?

_____

14. An electronics store places an order for 2,665 USB flash drives. One shipping box holds 36 flash drives. About how many boxes will it take to hold all the flash drives?

_____

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TEST PREP

Lesson Check (CC.5.NBT.6)

1. Marcy has 567 earmuffs in stock. If she can put 18 earmuffs on each shelf, about how many shelves does she need for all the earmuffs?

   (A) about 20

   (B) about 30

   (C) about 570

   (D) about 590

2. Howard pays $327 for one dozen collector's edition baseball cards. About how much does he pay for each baseball card?

   (A) about $20

   (B) about $30

   (C) about $45

   (D) about $50

Spiral Review (CC.5.NBT.1, CC.5.NBT.5, CC.5.NBT.6)

3. Andrew can frame 9 pictures each day. He has an order for 108 pictures. How many days will it take him to complete the order? (Lesson 2.2)

   (A) 10 days

   (B) 11 days

   (C) 12 days

   (D) 13 days

4. Madeleine can type 3 pages in one hour. How many hours will it take her to type a 123-page report? (Lesson 2.2)

   (A) 65 hours

   (B) 45 hours

   (C) 41 hours

   (D) 22 hours

5. Suppose you round 43,257,529 to 43,300,000. To what place value did you round the number? (Lesson 1.2)

   (A) hundred thousands

   (B) ten thousands

   (C) thousands

   (D) tens

6. Grace's catering received an order for 118 apple pies. Grace uses 8 apples to make one apple pie. How many apples does she need to make all 118 pies? (Lesson 1.6)

   (A) 110

   (B) 126

   (C) 884

   (D) 944

Name _____

Divide by 2-Digit Divisors

COMMON CORE STANDARD CC.5.NBT.6

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Divide. Check your answer.

1. 385 ÷ 12

$$\begin{array}{r} 32 \text{ r}1 \\ 12\overline{)385} \\ -36 \\ \hline 25 \\ -24 \\ \hline 1 \end{array}$$

2. 837 ÷ 36

3. 1,650 ÷ 55

4. 5,634 ÷ 18

5. 7,231 ÷ 24

6. 5,309 ÷ 43

7. $37\overline{)3,774}$

8. $54\overline{)1,099}$

9. $28\overline{)6,440}$

10. $52\overline{)5,256}$

11. $85\overline{)1,955}$

12. $46\overline{)5,624}$

Problem Solving REAL WORLD

13. The factory workers make 756 machine parts in 36 hours. Suppose the workers make the same number of machine parts each hour. How many machine parts do they make each hour?

_____

14. One bag holds 12 bolts. Several bags filled with bolts are packed into a box and shipped to the factory. The box contains a total of 2,760 bolts. How many bags of bolts are in the box?

_____

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TEST PREP

Lesson Check (CC.5.NBT.6)

1. A bakery packages 868 cupcakes into 31 boxes. The same number of cupcakes are put into each box. How many cupcakes are in each box?

   (A) 28

   (B) 37

   (C) 38

   (D) 47

2. Maggie orders 19 identical gift boxes. The Ship-Shape Packaging Company packs and ships the boxes for $1,292. How much does it cost to pack and ship each box?

   (A) $58

   (B) $64

   (C) $68

   (D) $78

Spiral Review (CC.5.NBT.1, CC.5.NBT.6)

3. What is the standard form of the number four million, two hundred sixteen thousand, ninety? (Lesson 1.2)

   (A) 4,260,090

   (B) 4,216,900

   (C) 4,216,090

   (D) 4,216,019

4. Kelly and 23 friends go roller skating. They pay a total of $186. About how much does it cost for one person to skate? (Lesson 2.5)

   (A) about $9

   (B) about $15

   (C) about $25

   (D) about $200

5. In two days, Gretchen drinks seven 16-ounce bottles of water. She drinks the water in 4 equal servings. How many ounces of water does Gretchen drink in each serving? (Lesson 1.9)

   (A) 112 ounces

   (B) 28 ounces

   (C) 12 ounces

   (D) 4 ounces

6. What is the value of the underlined digit in 5,<u>4</u>36,788? (Lesson 1.2)

   (A) 4

   (B) 400

   (C) 40,000

   (D) 400,000

Name _____

Interpret the Remainder

COMMON CORE STANDARD CC.5.NF.3

Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

Interpret the remainder to solve.

1. Warren spent 140 hours making 16 wooden toy trucks for a craft fair. If he spent the same amount of time making each truck, how many hours did he spend making each truck?

$$\begin{array}{r} 8 \\ 16\overline{)140} \\ -128 \\ \hline 12 \end{array}$$

$8\frac{3}{4}$ hours

2. Marcia has 412 bouquets of flowers for centerpieces. She uses 8 flowers for each centerpiece. How many centerpieces can she make?

3. On the 5th grade class picnic, 50 students share 75 sandwiches equally. How many sandwiches does each student get?

4. One plant container holds 14 tomato seedlings. If you have 1,113 seedlings, how many containers do you need to hold all the seedlings?

Problem Solving REAL WORLD

5. Fiona bought 212 stickers to make a sticker book. If she places 18 stickers on each page, how many pages will her sticker book have?

6. Jenny has 220 ounces of cleaning solution that she wants to divide equally among 12 large containers. How much cleaning solution should she put in each container?

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TEST PREP

Lesson Check (CC.5.NF.3)

1. Henry and 28 classmates go to the roller skating rink. Each van can hold 11 students. If all of the vans are full except one, how many students are in the van that is not full?

   (A) 1

   (B) 2

   (C) 6

   (D) 7

2. Candy buys 20 ounces of mixed nuts. She puts an equal number of ounces in each of 3 bags. How many ounces of mixed nuts will be in each bag?

   (A) 7 ounces

   (B) $6\frac{2}{3}$ ounces

   (C) 6 ounces

   (D) 2 ounces

Spiral Review (CC.5.NBT.5, CC.5.NBT.6)

3. Jayson earns $196 each week bagging groceries at the store. He saves half his earnings each week. How much money does Jayson save per week? (Lesson 2.2)

   (A) $92

   (B) $98

   (C) $102

   (D) $106

4. Desiree swims laps for 25 minutes each day. How many minutes does she spend swimming laps in 14 days? (Lesson 1.7)

   (A) 29 minutes

   (B) 125 minutes

   (C) 330 minutes

   (D) 350 minutes

5. Steve is participating in a bike-a-thon for charity. He will bike 144 miles per day for 5 days. How many miles will Steve bike in all? (Lesson 1.6)

   (A) 360 miles

   (B) 620 miles

   (C) 720 miles

   (D) 820 miles

6. Kasi is building a patio. He has 136 bricks. He wants the patio to have 8 rows, each with the same number of bricks. How many bricks will Kasi put in each row? (Lesson 2.2)

   (A) 17

   (B) 18

   (C) 128

   (D) 1,088