Stone Scholastic Academy
Grade 4 – Math & Science
Learning Enrichment Packet
March 17 – March 23
Ms. Scotese

A Note from Ms. Scotese

The most important thing on your list of things to do is to practice those good hygiene habits that we watched, practiced and discussed in science and made an important part of our school routines. Know that you are being well-cared for by those who love you and you should not be anxious about these different times. Listen to your parents and the adults in your life as they take in information and figure out what's best for you and your family.

Know that I will miss seeing you every day, just as you will miss coming to school and hanging out with each other. I know you will still stay connected via social media – but be smart and remember how things can be taken out of context and come across as hurtful. This is the time to build each other up, encourage each other, and make each other smile. Feel free to send me any jokes or riddles that you want me to post on Google Classroom and I will do it!

"Wow..." you are probably thinking to yourself, "this is a lot of work!" When you think about it, you have math and science for about 150 minutes each day – approximately 2.5 hours daily. This packet covers 5 days of work. You should not rush through it. Do 4 pages a day and you will be fine. It will take most of you about 15 – 20 minutes to do a page – some pages even less time. The work contains different topics that we have covered, so they are a review for you. The pages will be counted towards Homework – which have a weight of 10%.

If you lose this packet, or if you were absent on Monday and did not receive it, you can have an adult pick one up from school on Monday from 3:30 – 6:00 or during the school hours later in the week. They are also posted on Google Classroom (your Math classroom), my website (scotese.weebly.com) and on Classtag. If you can't print them out, just write your answers on loose-leaf paper.

Next week's packet will be available in the office and online on Friday. We are going to play this by ear as it is all new stuff for us. Please email me and let me know how things are going from your end. Is the packet too much? Too little? Not hard? Too hard? I really need your help in making sure you are getting what you need.

Also, you should continue your work with Braingenie and Thinkcentral. I have set you up with two new learning platforms that are now provided free to us. One is called eSpark and the other is IXL. Those who came on Monday got started with them. If you were absent on Monday, I will send your information to your cps email so you can get started, too. I hope you enjoy them and learn a lot from using them! I will be monitoring to see how things are going, and again, please contact me via email if you have any questions. Don't forget to use the online tools, watch the videos, look at the examples, try the guided practice and ask an adult for help, too. Don't worry if you don't have internet access at home. These are enrichment tools – but if you can get online you definitely should take advantage of them.

Here's a schedule that might be helpful:

Activity	Pacing	# Minutes Daily
Learning Enrichment Packet (paper/pencil work)	4 pages a day	1 hour maximum
Braingenie	At least 2 goals a day	20 minutes
eSpark	To be determined how the lessons proceed – individual based	20 minutes or more
IXL		20 minutes

Take a break from your screen time – don't do the work in all one sitting. Read. Draw. Play some of the games that go with each program to mix things up. Draw. Get some exercise. Talk with your siblings and parents. Play a board game or two. Read. Draw. Write me an e-mail.

All my best to you! Looking forward to seeing you soon!

Name _____

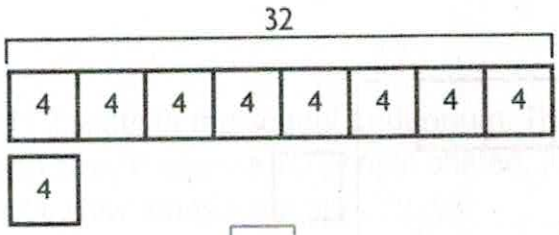
Practice

4.OA.A.1
Use the four operations with whole numbers to solve problems.

1. For numbers 1a–1c, write an equation or a comparison sentence using the numbers on the tiles.

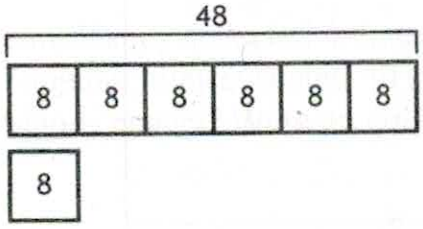
3	4	6	8	8
9	27	32	48	

1a.



☐ times as many as ☐ is ☐.

1b.



☐ × ☐ = ☐

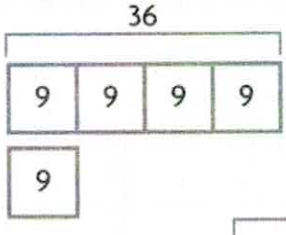
1c. $9 \times 3 = 27$

☐ times as many as ☐ is ☐.

2. For numbers 2a–2b, write an equation or a comparison sentence using the numbers on the tiles.

3	4	7
9	21	36

2a.



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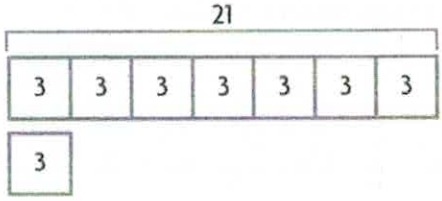
2b.



☐ × ☐ = ☐

GO ON

NAME _____

Chapters 1–9

(2)

Multiply.

	a	b	c	d	e
7.	78 × 9	56 × 8	97 × 9	48 × 8	25 × 9
8.	98 × 98	78 × 15	48 × 36	77 × 54	83 × 27
9.	702 × 6	389 × 8	215 × 8	247 × 2	509 × 8
10.	7035 × 2	2003 × 2	3972 × 8	5931 × 4	2450 × 5

Divide.

11.	$3\overline{)45}$	$9\overline{)72}$	$4\overline{)40}$	$5\overline{)94}$	$5\overline{)85}$
12.	$6\overline{)493}$	$3\overline{)873}$	$7\overline{)875}$	$5\overline{)987}$	$8\overline{)800}$
13.	$7\overline{)2598}$	$2\overline{)5282}$	$6\overline{)5631}$	$4\overline{)9637}$	$5\overline{)2515}$
14.	$6\overline{)9832}$	$8\overline{)5000}$	$5\overline{)7004}$	$7\overline{)5111}$	$8\overline{)9840}$

3

DIVISIBLITY OF NUMBERS

Put a box around all the numbers greater than 5 that are divisible by 5.
Circle all the numbers greater than 7 that are divisible by 7.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

C–188 What numbers in the list are divisible by 10?

C–189 What numbers in the list can be divided by both 5 and 7?

C–190 List all the prime numbers that are less than 100.

4

NUMBER PROPERTIES

Circle all the numbers that satisfy the rule.

Example: A number that is odd or is a multiple of 3.

(72) (39) 22 34 (25)

A-74 A number that is odd and is a multiple of 3.

72 39 22 34 25

A-75 A number that is divisible by 6 or is between 29 and 31.

27 28 30 36 31

A-76 A number that is divisible by 5 or is divisible by 7

16 35 18 28 20

A-77 A number that is divisible by 5 and is divisible by 7

16 35 18 28 20

A-78 A number that is less than the number of digits in any zip code and is not a prime number.

7 4 3 6 8

5

NUMBER PROPERTIES

Circle all the numbers that satisfy the rule.

Example: A number that is divisible by 5 and is between 18 and 30.

15 23 **20** 30 **25**

A–69 A number that is a multiple of 3 and a multiple of 4.

24 9 56 42 17

A–70 A number that is even and is between 78 and 85.

77 81 84 86 78

A–71 A number that is greater than the number of days in any month and has a factor of 6.

30 36 54 33 42

A–72 A number that is 2 times a single-digit number and is greater than 14.

14 18 17 15 20

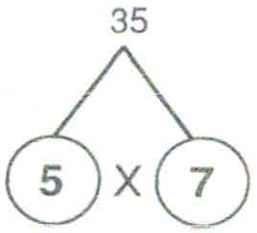
A–73 A number that has a factor of 4 and is between 64 and 74.

60 68 70 88 64

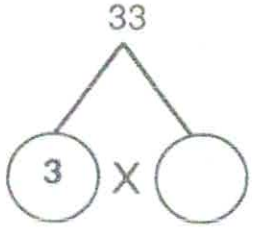
FACTOR TREES

A factor tree is suggested for the number in each exercise.
Use the tree to write the number as a product of prime numbers.

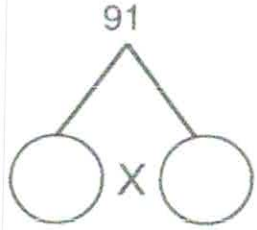
Example



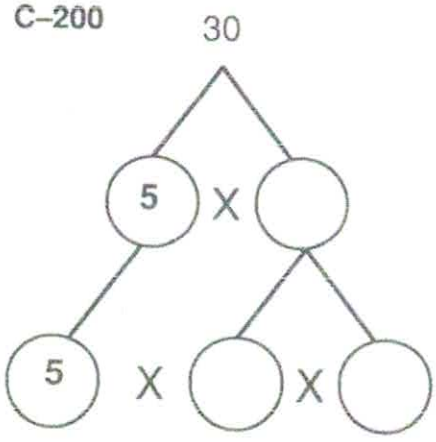
C–198



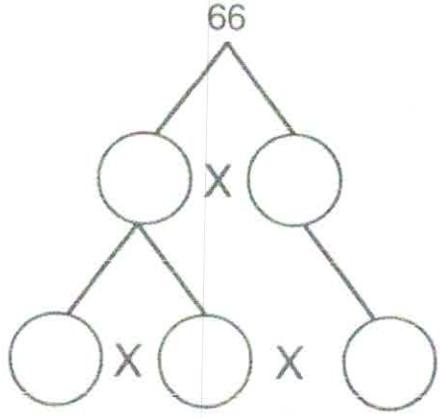
C–199



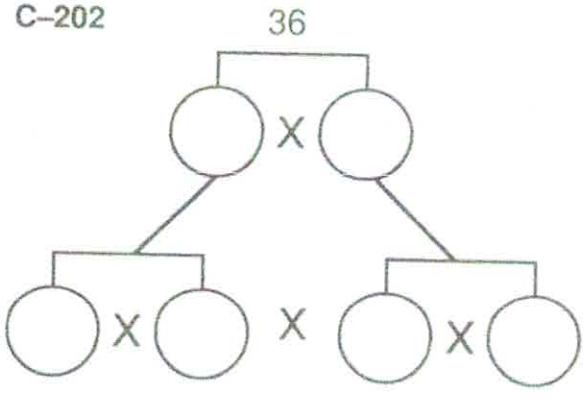
C–200



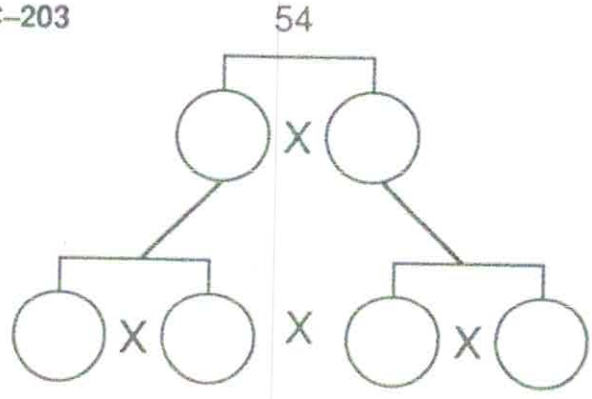
C–201



C–202



C–203



7

COMPUTATIONS WITH PARENTHESES

Insert parentheses to make each statement true.

Example

$24 + (4 \div 2) = 26$

C–62

$24 + 4 \times 2 = 56$

C–63

$24 \times 4 - 2 = 94$

C–64

$24 \div 4 - 2 = 12$

C–65

$24 \times 4 \div 2 = 48$

C–66

$6 = 12 \div 4 - 2$

C–67

$27 = 28 - 4 - 3$

C–68

$4 = 28 \div 4 + 3$

C–69

$3 + 4 \times 2 = 8 + 3$

C–70

$12 \div 2 = 5 \times 0 + 6$

C–71

$3 + 4 \times 2 = 18 \div 2 + 5$

C–72

$12 - 8 - 4 = 16 \div 4 \div 2$

(8)

ESTIMATING WITH FRACTIONS

The arrow indicates a point on the number line.
Circle the number that is closest to that point.

Example

a. $\frac{1}{2}$ b. $\frac{1}{4}$

c. $\frac{2}{3}$ d. $\frac{2}{5}$

A–176

a. $1\frac{1}{4}$ b. $\frac{7}{8}$

c. $\frac{7}{10}$ d. $\frac{1}{3}$

A–177

a. $\frac{1}{4}$ b. $1\frac{1}{2}$

c. $\frac{1}{3}$ d. $\frac{2}{4}$

A–178

a. $\frac{1}{3}$ b. $\frac{1}{2}$

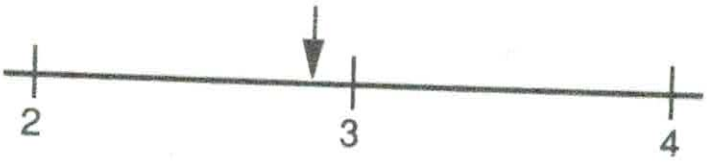
c. $\frac{1}{8}$ d. $\frac{2}{3}$

A–179

a. $\frac{1}{2}$ b. $1\frac{3}{6}$

c. $2\frac{1}{2}$ d. $1\frac{1}{4}$

A–180



a. $2\frac{2}{3}$ b. $3\frac{1}{8}$

c. $2\frac{7}{8}$ d. $\frac{9}{10}$

Name _____ Date _____

9

Add With Like Denominators

Add. Write each sum in simplest form.

Example

$$2\frac{2}{6} + 3\frac{1}{6} = 5\frac{3}{6} = 5\frac{1}{2}$$

1. $1\frac{2}{6} + 2\frac{3}{6}$

2. $2\frac{5}{8} + 3\frac{1}{8}$

3. $3\frac{2}{5} + 4\frac{2}{5}$

4. $5\frac{1}{7} + 2\frac{4}{7}$

5. $3\frac{1}{10} + 4\frac{2}{10}$

6. $3\frac{3}{8} + 2\frac{4}{8}$

7. $\frac{6}{9} + 1\frac{2}{9}$

8. $1\frac{3}{6} + 2\frac{1}{6}$

9. $2\frac{4}{7} + 11\frac{1}{7}$

10. $7\frac{3}{5} + 1\frac{1}{5}$

11. $1\frac{2}{8} + 2\frac{2}{8}$

12. $5\frac{1}{4} + 5\frac{1}{4}$

13. $3\frac{6}{9} + 1\frac{1}{9}$

14. $5\frac{5}{7} + 2\frac{1}{7}$

15. $3\frac{3}{5} + 1\frac{1}{5}$

16. $3\frac{7}{10} + 2\frac{2}{10}$

Problem Solving • Reasoning

17. On Monday, Jared read for $2\frac{1}{4}$ hours. On Tuesday, he read for $1\frac{1}{4}$ hours. How many hours did he read over the two days?

18. A store clerk used $\frac{3}{4}$ yard of ribbon to wrap one gift. She used $\frac{2}{4}$ of a yard to wrap another gift. How many yards of ribbon did the clerk use for the two gifts?

Name _____ Date _____

10

Subtract With Like Denominators

Example

$$4\frac{2}{3} - 1\frac{1}{3} = 3\frac{1}{3}$$

Subtract. Write each difference in simplest form.

1. $2\frac{2}{5} - 1\frac{1}{5}$ _____

2. $\frac{8}{9} - \frac{7}{9}$ _____

3. $\frac{9}{12} - \frac{9}{12}$ _____

4. $3\frac{4}{7} - 1\frac{1}{7}$ _____

5. $\frac{10}{15} - \frac{2}{15}$ _____

6. $2\frac{2}{7} - 1\frac{1}{7}$ _____

7. $6\frac{7}{10} - 5\frac{1}{10}$ _____

8. $6\frac{18}{19} - 2\frac{17}{19}$ _____

9. $3\frac{2}{4} - 1\frac{1}{4}$ _____

10. $\frac{7}{8} - \frac{1}{8}$ _____

11. $8\frac{10}{11} - 8\frac{1}{11}$ _____

12. $3\frac{7}{7} - 1\frac{6}{7}$ _____

13. $9\frac{10}{13} - 8\frac{1}{13}$ _____

14. $2\frac{15}{20} - 1\frac{10}{20}$ _____

15. $7\frac{9}{10} - 3\frac{2}{10}$ _____

16. $4\frac{20}{30} - 2\frac{2}{30}$ _____

17. $5\frac{3}{14} - 4\frac{2}{14}$ _____

18. $9\frac{6}{8} - 6\frac{2}{8}$ _____

19. $7\frac{8}{17} - 5\frac{2}{17}$ _____

20. $11\frac{11}{12} - 2\frac{3}{12}$ _____

Problem Solving • Reasoning

21. Josh has $2\frac{2}{3}$ boxes full of sports trading cards. Jamal has $1\frac{1}{3}$ boxes of sports cards. How many more boxes of sports cards does Josh have than Jamal?

_____

22. Erica has done a total of $10\frac{2}{5}$ hours of volunteer work. Jimmy has done $7\frac{1}{5}$ hours of volunteer work. How much longer has Erica worked than Jimmy?

_____

Name _____

Practice

4.NF.B.3b
Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

1. Rita is making chili. The recipe calls for $2\frac{3}{4}$ cups of tomatoes. How many cups of tomatoes, written as a fraction greater than 1, are used in the recipe?

☐ cups

2. Lamar's mom sells sports equipment online. She sold $\frac{9}{10}$ of the sports equipment she had in stock. Select a way $\frac{9}{10}$ can be written as a sum of fractions. Mark all that apply.

Ⓐ $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{2}{10}$

Ⓑ $\frac{3}{10} + \frac{2}{10} + \frac{3}{10} + \frac{1}{10}$

Ⓒ $\frac{2}{10} + \frac{2}{10} + \frac{2}{10} + \frac{2}{10}$

Ⓓ $\frac{4}{10} + \frac{1}{10} + \frac{1}{10} + \frac{3}{10}$

Ⓔ $\frac{4}{10} + \frac{3}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

Ⓕ $\frac{2}{10} + \frac{2}{10} + \frac{2}{10} + \frac{3}{10}$

3. Dillon's dad sells golf balls online. He sells $\frac{4}{5}$ of the golf balls he has in his attic. Select a way $\frac{4}{5}$ can be written as a sum of fractions. Mark all that apply.

Ⓐ $\frac{1}{5} + \frac{1}{5} + \frac{2}{5}$

Ⓑ $\frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

Ⓒ $\frac{2}{5} + \frac{2}{5} + \frac{1}{5}$

Ⓓ $\frac{2}{5} + \frac{2}{5}$

Ⓔ $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

Ⓕ $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

4. Draw a line to show the mixed number and fraction that have the same value.

$1\frac{3}{4}$	$5\frac{1}{6}$	$3\frac{2}{5}$	$3\frac{1}{4}$
$\frac{13}{4}$	$\frac{16}{5}$	$\frac{31}{4}$	$\frac{17}{6}$

GO ON

NAME _____ (12)

Lesson 7.4 Mixed Numerals with Like Denominators

Read the problem carefully and solve. Show your work under each question.

People mail various sized letters and packages. The weight of the letters and packages is measured in ounces or pounds. The shipping fees depend on the weight of what is mailed.

Helpful Hint

To add mixed fractions, first add the fractions. Then, add the whole numbers. Finally, reduce the fraction to simplest form.

1. Hector has two packages to mail. One weighs $2\frac{1}{5}$ pounds and the other weighs $3\frac{3}{5}$ pounds. What is the total weight of the packages?

_____ pounds

2. Natalia has two large letters to send to friends. One weighs $4\frac{3}{8}$ ounces and the other weighs $5\frac{1}{8}$ ounces. How much do the two letters weigh together?

_____ ounces

3. Tam mailed two packages last week. One weighed $1\frac{4}{5}$ pounds and the other weighed $5\frac{2}{5}$ pounds. How much did they both weigh?

_____ pounds

4. Jill gets two packages in the mail. One weighs $3\frac{3}{10}$ pounds and the other weighs $6\frac{1}{10}$ pounds. What is the weight of the two packages?

_____ pounds

5. Hiro sends two letters to friends overseas. One weighs $1\frac{1}{9}$ ounces and the other weighs $4\frac{2}{9}$ ounces. How much do the two letters weigh?

_____ ounces

13

MISSING ADDENDS

In each box, write the fraction or mixed number that completes the number sentence. Reduce each fraction to lowest terms.

Example

$$2\frac{1}{4} + \boxed{6\frac{3}{4}} = 9$$

C–140

$$\square + \frac{3}{5} = 1$$

C–141

$$\square + 4\frac{5}{12} = 6$$

C–142

$$6\frac{7}{8} + \square = 9$$

C–143

$$2 = \frac{1}{8} + \square + \frac{1}{2}$$

C–144

$$\frac{2}{3} + \square + \frac{1}{9} = 1$$

C–145

$$3\frac{1}{5} + \square = 10\frac{4}{5}$$

C–146

$$2\frac{1}{2} = 2\frac{1}{4} + \square$$

C–147

$$\square + 2\frac{1}{2} = 4\frac{1}{4}$$

C–148

$$6\frac{3}{4} + \square = 8\frac{1}{4}$$

NAME _____ 14

Lesson 7.10 Fraction and Decimal Conversions

Read the problem carefully and solve. Show your work under each question. Write your answer in simplest form.

Mr. Benham's science class grew plants. The students kept track of the height of their plants each day.

Lola's plant grew $\frac{6}{10}$, or 0.6, of a centimeter.

1. Lola's plant grew $\frac{6}{10}$ of a centimeter. Tyler's plant grew $\frac{30}{100}$ of a centimeter. How many centimeters did the plants grow altogether?

   _____ centimeters

2. Bailey's plant grew $\frac{3}{10}$ of a centimeter. Eric's plant grew $\frac{40}{100}$ of a centimeter. How many centimeters did the plants grow in all?

   _____ centimeters

   How can this be written as a decimal? _____

3. Sharon's plant grew $\frac{5}{10}$ of a centimeter. How can $\frac{5}{10}$ be written as a decimal?

   _____

4. Lilith's plant grew 0.3 of a centimeter. How can 0.3 be written as a fraction?

   _____

NAME _____

Lesson 8.4 Measurements in Fractions of a Unit

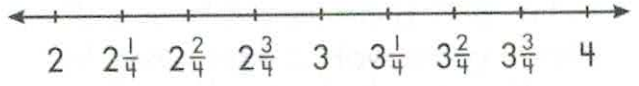
15

Read the problem carefully and solve. Show your work under each question.

A group of students measured their index fingers to the nearest $\frac{1}{4}$ inch. Display the data on the line plot below.

1.

1. Justin 4	4. Sandy $3\frac{1}{4}$
2. Rob $3\frac{1}{4}$	5. Brittany $2\frac{1}{2}$
3. John $3\frac{1}{4}$	6. Amanda $2\frac{1}{4}$



2. What is the difference between the longest and shortest finger?

_____ in.

3. What is the most common finger size?

_____ in.

4. How many measurements are less than $3\frac{1}{2}$ inches?

_____

NAME _____

Lesson 6.16 Problem Solving

SHOW YOUR WORK 16

Multiply. Write answers in simplest form.

1. One serving of pancakes calls for $\frac{1}{3}$ cup of milk. How many cups of milk are needed for 4 servings of pancakes?

   _____ cups of milk are needed for four servings of pancakes.

1.

2. If Carlos works $\frac{5}{12}$ of a day every day, how much will Carlos have worked after 5 days?

   Carlos will have worked _____ days.

2.

3. Tony drinks $\frac{2}{7}$ of a gallon of orange juice a day. How many gallons of orange juice would he drink in 4 days?

   He would drink _____ gallons of orange juice.

3.

4. Miranda has 3 kites. Each kite needs $\frac{2}{3}$ yard of string. How much string does Miranda need for all 3 kites?

   Miranda needs _____ yards of string.

4.

5. A single serving of gelatin dessert requires $\frac{3}{8}$ cup sugar. How much sugar is needed for 6 servings?

   _____ cups are needed.

5.

6. Every day Sheila runs $\frac{4}{7}$ mile. If she runs for 9 days, how far will Sheila have run?

   She will have run _____ miles.

6.

7. Jason put down tile floor in his basement. He placed 10 tiles across the floor. Each tile is $\frac{5}{8}$ feet wide. How wide is the area he covered with tiles?

   The area covered with tiles is _____ feet wide.

7.

NAME _____ (17)

Check What You Know

Fractions, Decimals, and Money

Read the problem carefully and solve. Show your work under each question.

Enrico, Charlie, and Flora collect different sizes of rocks for their science class. They each weigh their rocks in class and compare their results.

1. Charlie's favorite rock weighs $\frac{9}{10}$ of a pound more than Flora's favorite rock. How can $\frac{9}{10}$ be written as a decimal?

_____

2. Enrico and Flora compare their largest rocks. Enrico's rock weighs 4.29 pounds. Flora's rock weighs 4.92 pounds. Compare the two decimals using $<$, $>$, or $=$.

_____

3. Charlie and Enrico compare their smallest rocks. Charlie's rock weighs 1.35 pounds. Enrico's rock weighs 0.78 pound. What is the weight difference between these two rocks?

_____ pound

4. After weighing all the rocks, two of the class scales break. Their teacher, Ms. Leonard, orders two new scales. The large scale costs $24.95, and the small scale costs $17.99. How much do both scales cost in all?

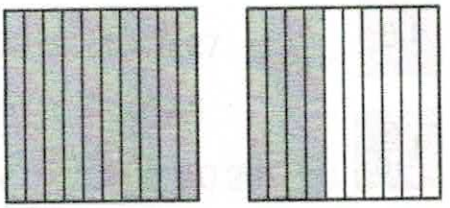
_____

Name _____

Practice Test

4.NF.C.6
Understand decimal notation for fractions, and compare decimal fractions.

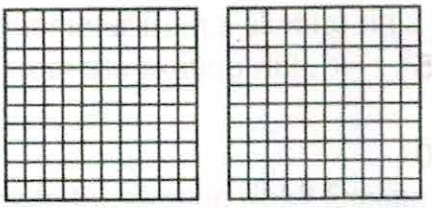
1. Select a number shown by the model. Mark all that apply.



$\frac{14}{10}$ $\frac{40}{10}$ 1.4

$1\frac{4}{10}$ 40 4.1

2. Shade the model to show $1\frac{52}{100}$. Then write the mixed number in decimal form.

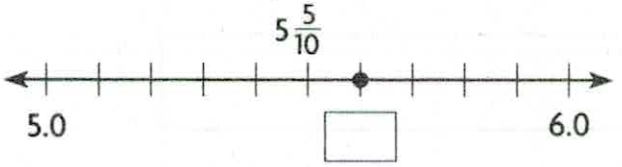


☐

3. Complete the table.

Bills and Coins	Money Amount ($)	Fraction or Mixed Number	Decimal
8 pennies		$\frac{8}{100}$	0.08
	$0.50		0.50
		$\frac{90}{100}$ or $\frac{9}{10}$	0.90
4 $1 bills 5 pennies			4.05

4. The point on the number line shows the number of seconds it took an athlete to run the 40-yard dash. Write the decimal that correctly names the point.



GO ON

NAME _____

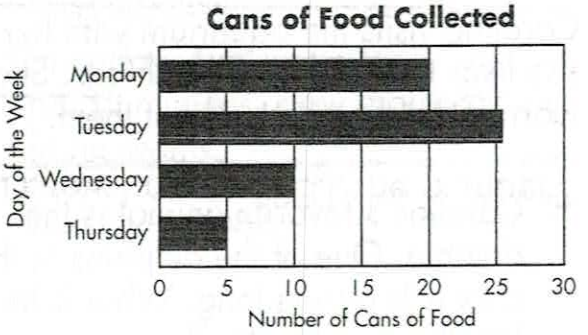
19

Check What You Know

Graphs and Probability

Read the problem carefully and solve. Show your work under each question.

Mr. Perez's class collects cans of food for a food drive. After the first four days, the class makes a graph to show how many cans of food they collected each day.



1. On which day of the week did the students collect the most cans of food?

   _____

2. How many cans of food did the students collect on Wednesday?

   _____ cans of food

3. How many more cans of food did the students collect on Monday than on Thursday?

   _____ more cans of food

4. Carmen and Harry pack 12 cans of food into a box. Five of the cans contain vegetables. Seven of the cans contain soup. If Harry pulls one of the cans out of the box without looking, what is the probability that it will be a soup can?

   _____

NAME _____

CHAPTER 10 PRETEST

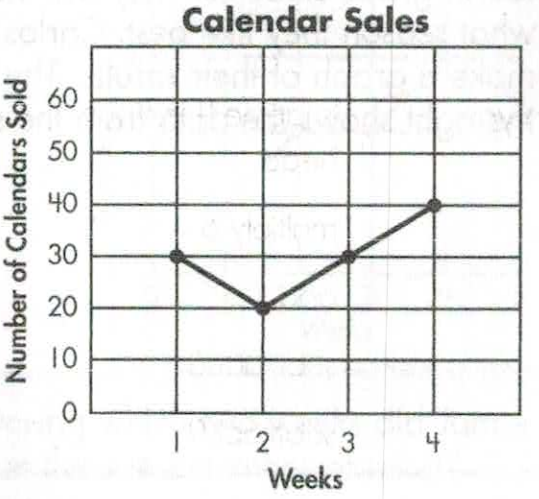
Check What You Know

20

Graphs and Probability

Read the problem carefully and solve. Show your work under each question.

Cathy and Benito sell calendars to raise money for a local charity. They sell two types of calendars: desk calendars and pocket calendars. After four weeks, they decide to make a graph that shows the total calendar sales each week.



1. During which week did Cathy and Benito sell the most calendars?

   week _____

2. How many calendars did they sell during the second week?

   _____ calendars

3. During which two weeks did they sell the same number of calendars?

   weeks _____ and _____

4. Cathy and Benito pack the 25 calendars they have not sold into a box. There are 16 desk calendars and 9 pocket calendars in the box. If Benito pulls a calendar out of the box without looking, what is the probability that it will be a pocket calendar?

   _____

NAME _____

Lesson 7.1 Units of Length (inches, feet, yards, and miles)

21

12 inches = 1 foot (ft.)
3 feet = 1 yard (yd.)
36 inches = 1 yard (yd.)
1,760 yards = 1 mile (mi.)
5,280 feet = 1 mile (mi.)

6 feet = ___ inches

(6 feet × 12 inches)

6 × 12 = 72

6 feet = 72 inches

72 feet = ___ yards

$$3\overline{)72} = 24$$

$$\frac{6}{12}$$

72 feet = 24 yards

Complete the following.

	a	b	c
1.	5 yd. = _____ ft.	8 ft. = _____ in.	72 yd. = _____ ft.
2.	48 in. = _____ ft.	3 mi. = _____ yd.	24 yd. = _____ in.
3.	3,000 ft. = _____ yd.	24 in. = _____ ft.	2 mi. = _____ ft.
4.	12 in. = _____ ft.	26 yd. = _____ in.	12 ft. = _____ yd.
5.	360 in. = _____ yd.	10 ft. = _____ in.	720 yd. = _____ ft.
6.	7 mi. = _____ yd.	2,400 in. = _____ ft.	324 ft. = _____ yd.
7.	10 mi. = _____ ft.	600 in. = _____ ft.	6 ft. = _____ in.
8.	132 in. = _____ ft.	50 yd. = _____ in.	36 in. = _____ ft.
9.	72 ft. = _____ yd.	36 in. = _____ yd.	3,636 in. = _____ ft.
10.	8 mi. = _____ yd.	48 ft. = _____ yd.	120 in. = _____ ft.

NAME _____

Final Test Chapters 1–9

22

Write each number in expanded form.

	a	b
15.	2,337	397
	_____	_____
16.	55,608	69, 735
	_____	_____

Round each of the numbers to the place of the underlined number.

17.	103,<u>4</u>67	<u>1</u>,785,302
	_____	_____
18.	2<u>3</u>,456	5<u>7</u>5
	_____	_____

Write >, <, or = to compare the following.

	a	b	c
19.	325 ◯ 225	12,700 ◯ 12,703	164,000 ◯ 146,000

Add or subtract.

20. $\frac{5}{6}+\frac{1}{6}=$ _____ $\frac{7}{12}+\frac{3}{12}=$ _____ $\frac{6}{8}+\frac{4}{8}=$ _____

Complete each equivalent fraction.

21. $\frac{8}{32}=\frac{}{4}$ $\frac{1}{10}=\frac{}{40}$ $\frac{4}{100}=\frac{1}{}$

Write >, <, or = to compare the following.

22. $\frac{3}{8}$ ◯ $\frac{10}{12}$ $\frac{3}{12}$ ◯ $\frac{1}{3}$ $\frac{3}{6}$ ◯ $\frac{4}{8}$