

4th Grade
Math Summer
Review Packet

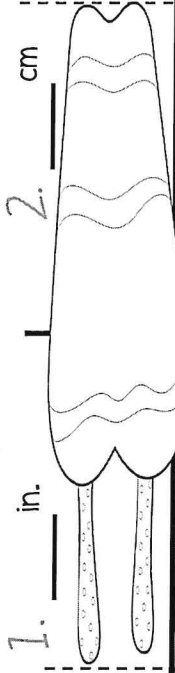
Name _____

We Scream for Ice Cream

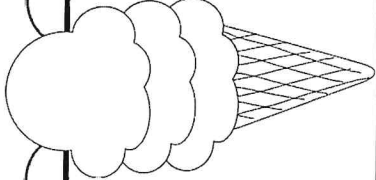
Day

1

Measure the popsicle to the nearest $\frac{1}{2}$ inch and centimeter.



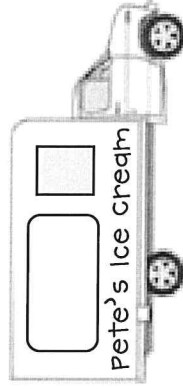
4. Mandy put 2 big spoons of sprinkles on her ice cream. If each spoon holds 175 sprinkles, how many sprinkles did Mandy use in all?



3. Jessi ordered 3 scoops. Each scoop is the same size.

- Color $\frac{1}{3}$ chocolate.
- Color $\frac{1}{3}$ strawberry.
- Color $\frac{1}{3}$ vanilla.

5. Mr. Pete ordered 120 Klondike® bars for his ice cream truck. He sold 42 of the bars last week. How many bars does he have left?



Score

5

bars

work and
doodle space

What?! That's
crazy!!



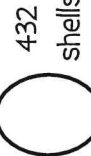
Beach Time

Day

2

1. Use $<$, $>$, or $=$.

423 shells



432 shells



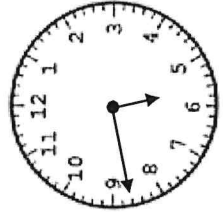
2. Write the greater number using words.

shells

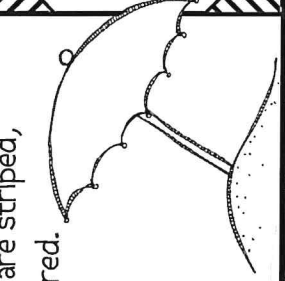
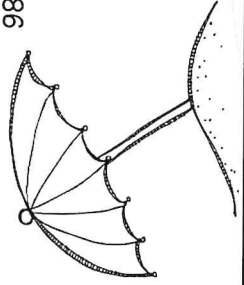
3. Draw this number using buckets, shovels, and shells. Follow the key.

KEY: = 100 = 10 = 1

4. It's time to leave the beach. What time is it?



5. There are 224 umbrellas on the beach. 76 are striped, 98 are blue, and the rest are red. How many are red?



Score

5

Day

3

Side 2

Score

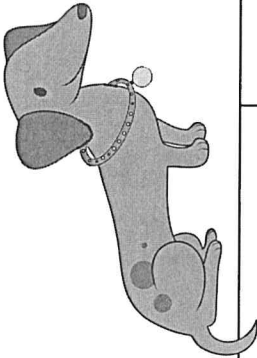
20

Fast Facts

Set a timer for one minute.

How many facts can you answer correctly in one minute? Write your score here. →→

Help Taco find his ball. color all the squares with an even product.



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

Summer Math for Students Entering 4th Grade

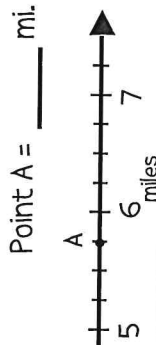
© In the Math Lab

Road Trip

Day

4

1. How many states have you visited?



2. If the car stops at Point A, how many miles is that?

3. Carla saw a license plate with 4 numbers. Use the clues to write the numbers.

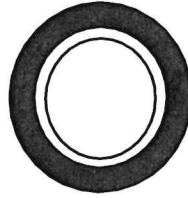
Clues

$$A = 32 \div 8 \quad B = A + A$$

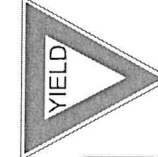
$$C = B + 1 \quad D = C \div 3$$

A	B	C	D
---	---	---	---

4. Split this tire into fourths. Label each part with the unit fraction.



5. Road signs! Name the shape of each. Use the word box.



Shapes Word Box

Square

Rectangle

Triangle

Rhombus

Pentagon

Circle

Octagon

Score

5

List them over there. →

Play Ball!

Day

5

1. Use <, >, or =.

742

soccer balls

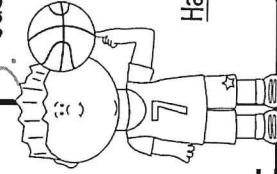


724

soccer balls

2. How many sports can you think of that use a ball? List them and count them.

3. Jason kept track of how many baskets he made from different spots on the basketball court. How many total points did he score from the 3-point line?



Half Court	Foul Line	3-Point Line
11	11111	1111

4. Some dads and kids played baseball on Father's Day. The dads' score was 5. The kids' score was

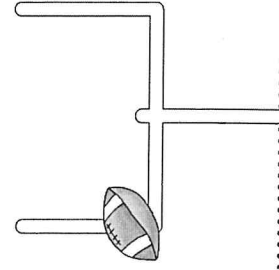
Happy 3 times that number.
Father's Day What was the kids' final score?



5. Draw a bar graph using this data. ↑ Use a scale of 2.
Title:

Score

5



Day

6

Side 2

Fast Facts

Set a timer for one minute.

How many facts can you answer correctly in one minute? Write your score here. →→

Score

20

Candy colors:

products less than 50: yellow

products greater than 50: green

$3 \times 5 =$

$4 \times 7 =$

$7 \times 8 =$

$5 \times 1 =$

$7 \times 9 =$

$9 \times 3 =$

$6 \times 9 =$

$8 \times 5 =$

$0 \times 8 =$

$7 \times 6 =$

$2 \times 3 =$

$6 \times 8 =$

$7 \times 1 =$

$9 \times 4 =$

$6 \times 3 =$

$6 \times 10 =$

$3 \times 4 =$

$5 \times 9 =$

$8 \times 3 =$

$9 \times 8 =$

Water Fun

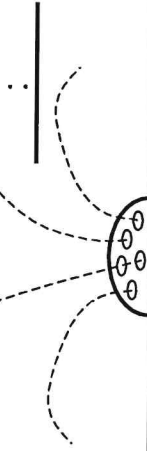
Day

7

1. Use $<$, $>$, or $=$.

$\frac{1}{2}$ bucket of water $\frac{1}{3}$ bucket of water

4. Tina played in the sprinkler for 1 hour. She stopped playing at 4:20. What time did she start playing?



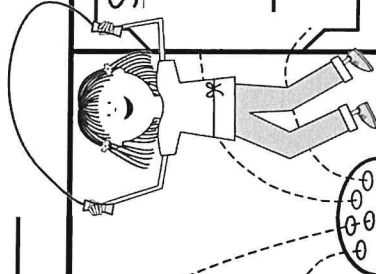
2. Draw a picture to show ← this answer is correct.

3. One pack of balloons sells for 59¢. Peter and his friends want to buy 3 packs so they can have a water balloon fight. How much money will they need to buy the 3 packs?

\$ _____

5. Maya skips rope through the sprinkler while counting by 6s. Help her count.

6 _____



Score

5

Goin' Camping

Day

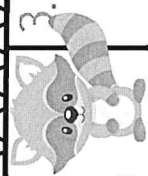
8

1. Animals at the Campground

Squirrels 6 Deer 3
 Raccoons 2 Birds 19

How many in all? _____

4. Jenna is making smores. She uses 2 graham crackers, 4 small pieces of chocolate, and 1 marshmallow for each smore. How many graham crackers and pieces of chocolate will she need for 8 smores? _____
 crackers: _____ chocolate: _____

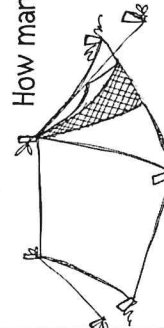


2.

← 5 birds flew away. 3 squirrels scampered off. 2 more deer appeared. How many animals now?

3. Miguel's Boy Scout troop is going camping. There are 16 boys and 4 tents. They want an equal number of boys in each tent.

How many boys in each tent? _____ boys



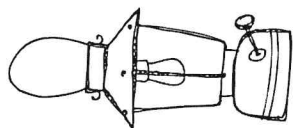
5. Miguel rolled up his sleeping bag and tied it with string. Estimate about how much string he used.



about _____ inches
 OR about _____ feet

Score

5



work and
 doodle space

Fast Facts

Set a timer for one minute.

How many facts can you answer correctly
in one minute? Write your score here. →→

Score

20

Scoops! Color the scoops your favorite ice cream flavors.

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

Sand Castles

Day

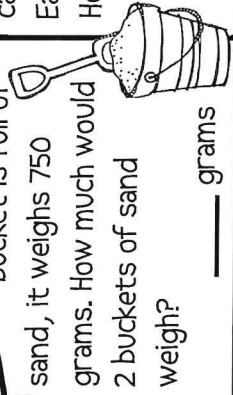
10



1. Jo built 24 towers. A wave swept $\frac{1}{2}$ of them away.

How many are left? _____

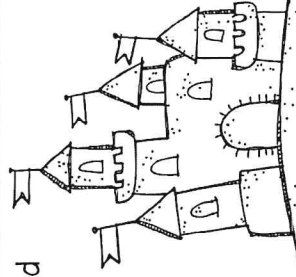
2. When a bucket is full of sand, it weighs 750 grams. How much would 2 buckets of sand weigh? _____ grams



3. Olivia and friends made 6 sand castles that looked like this one.

Each castle has four flags.

How many flags in all? Write the equation.

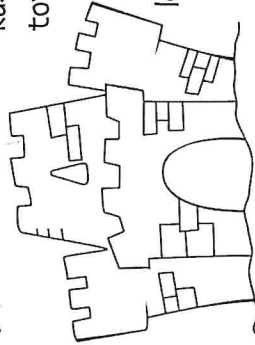


4. There are 30 towers in this pattern.



How many are there? _____

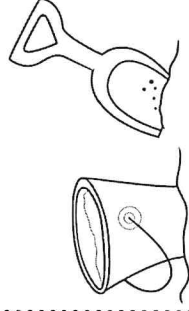
5. Rashad built a huge sand castle. It has 4 big towers. Towers 1 and 2 each took 45 minutes to build. Tower 3 took 55 minutes. Tower 4 took 1 hour and 10 minutes. How long did Rashad work on his sand castle? _____ hours _____ minutes



Score

5

work and
doodle space



Riding Bikes

Day

11

Atlas	Bike Shop
Helmet	\$ 24
Tire	\$ 15
Bell	\$ 10
Chain	\$ 23

1. How much for one bike helmet and two tires? \$ _____

2. How much for two chains, a bell, and two tires? \$ _____

3. Fill in the measurement units that make sense in this story. Use the word box. →

Jacob is 9 _____ old.

Jacob's bike is 5 _____ long.

Jacob's bike weighs 12 _____.

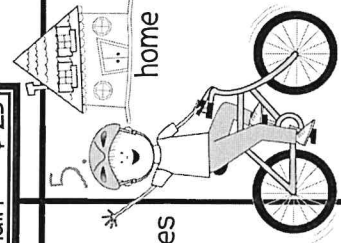
word box
meters years
liters days
ounces grams
kilograms feet

4. Look at the map. →

Jacob rode to the library and back

6 times this summer. How many miles did he ride? Write the equation.

_____ miles



How far all the way around four times? _____ mi.

Score

5

Side 2

Day

12

Fast Facts

Set a timer for one minute.

How many facts can you answer correctly
in one minute? Write your score here. →→

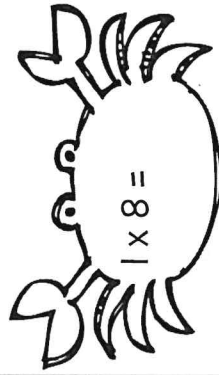
Score

20

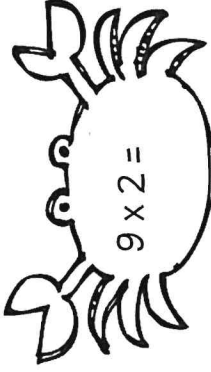
Crab attack!



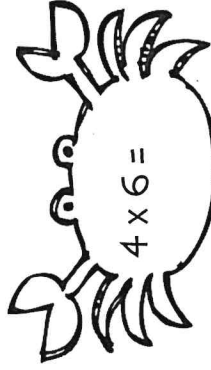
See if you can score 20/20!



$1 \times 8 =$



$9 \times 2 =$



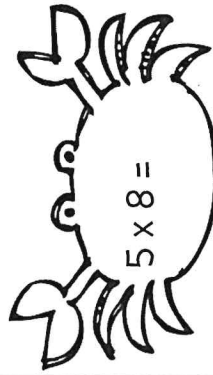
$4 \times 6 =$



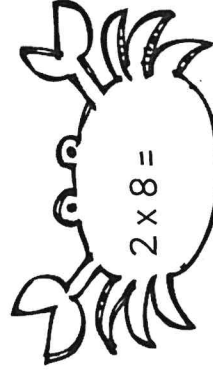
$5 \times 6 =$



$4 \times 2 =$



$5 \times 8 =$



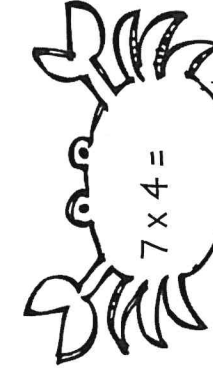
$2 \times 8 =$



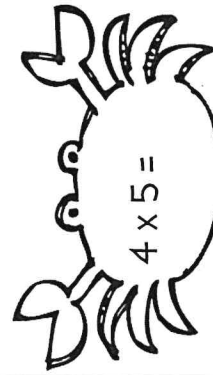
$8 \times 7 =$



$3 \times 9 =$



$7 \times 4 =$



$4 \times 5 =$



$9 \times 7 =$



$8 \times 2 =$



$7 \times 5 =$



$6 \times 6 =$



$7 \times 2 =$



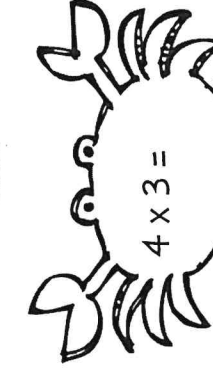
$3 \times 6 =$



$4 \times 4 =$



$3 \times 10 =$



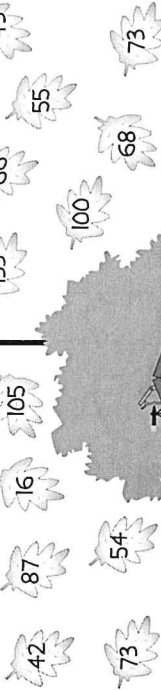
$4 \times 3 =$

In the Tree House

Day

13

1. Circle the even numbers.

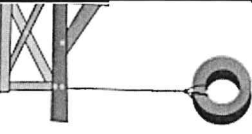


2. Circle the odd numbers.

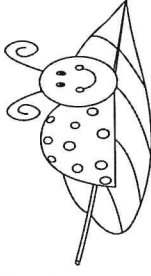
3. Choose the best estimate.

Jason's tire swing hangs from a rope that is _____ long.

- > 2 feet
- > 20 feet
- > 200 feet

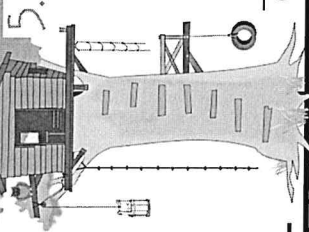


work and
doodle space:



4. Four friends are

sharing a bag of 32 candies in their tree house. How many pieces of candy will each friend get? Write the equation.



Tree House Password

A	C	E	M	O	R	S	T	Y
2	3	4	5	6	7	8	9	10
x 2	x 3	x 4	x 5	x 6	x 7	x 8	x 9	x 10

Fill in answers
← here.

64 100 9 4 25 36 49 16 81 49 16 16

Score

5

Picnic Time

Day

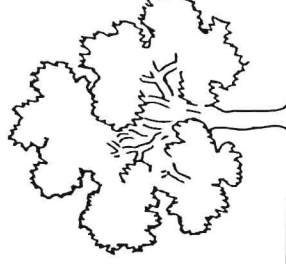
14

1. Jocelyn brought pizza, apples, and a watermelon on the picnic. Circle the item that is the heaviest.

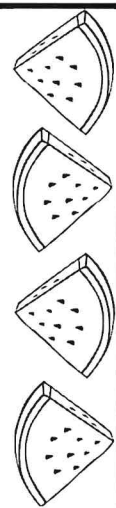


2. Jocelyn will share her food with her sister. Split each in half.

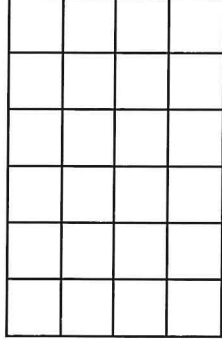
3. Mark and his family like to picnic in the park under the oak trees. Mark collected 50 acorns. He gave half of them to his brother. How many acorns does he have left?



4. Jocelyn counted 17 seeds in each of her 4 pieces of watermelon. How many seeds in all?



5. Lisa spread this tablecloth on the ground.



Color $\frac{1}{4}$ red.
Color $\frac{1}{4}$ blue.
Color $\frac{1}{4}$ green.
Color $\frac{1}{4}$ yellow.

What is the total area of the green and yellow parts?

_____ sq. units

Score

5

Side 2

Day

15

Fast Facts

Set a timer for one minute.

How many facts can you answer correctly
in one minute? Write your score here. →→

Score

20

Sunny days! Color the sun yellow if it has a correct answer. Practice any facts you got wrong.

$$\begin{array}{r} 8 \square \\ \times 2 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 3 \square \\ \times 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 4 \square \\ \times 8 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 7 \square \\ \times 6 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 8 \square \\ \times 3 \\ \hline 24 \end{array}$$

$$\begin{array}{r} \square \\ \times 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \square \\ \times 6 \\ \hline 48 \end{array}$$

$$\begin{array}{r} \square \\ \times 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \square \\ \times 6 \\ \hline 30 \end{array}$$

$$\begin{array}{r} \square \\ \times 9 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 8 \square \\ \times 8 \\ \hline 64 \end{array}$$

$$\begin{array}{r} 4 \square \\ \times 6 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 3 \square \\ \times 7 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 2 \square \\ \times 9 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 6 \square \\ \times 3 \\ \hline 18 \end{array}$$

$$\begin{array}{r} \square \\ \times 5 \\ \hline 45 \end{array}$$

$$\begin{array}{r} \square \\ \times 9 \\ \hline 27 \end{array}$$

$$\begin{array}{r} \square \\ \times 8 \\ \hline 48 \end{array}$$

$$\begin{array}{r} \square \\ \times 7 \\ \hline 63 \end{array}$$

$$\begin{array}{r} \square \\ \times 2 \\ \hline 6 \end{array}$$

Pool Party

1. Sam is having his 9th birthday party at the pool. Eleven friends are coming. One friend brings 3 presents, 6 friends bring 2 presents, and the rest bring 1 present. How many presents in all?

16

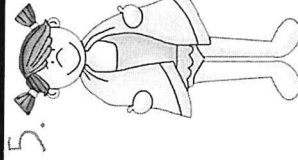
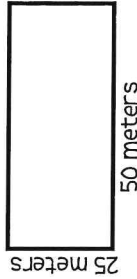


2. Sam's mom is buying pizza for the party. Each pizza has 8 slices. If Sam and his 11 friends each eat 2 slices, how many pizzas should Sam's mom buy? _____ pizzas

3. Use <, >, or =.

$\frac{2}{8}$ of a pizza $\frac{2}{4}$ of the same pizza

4. Mill Towne Pool is shaped like a rectangle. What is the pool's perimeter?



5. Bridget is joining the swim team this summer. At time trials, she swam the freestyle stroke across the pool (50 meters) in:

50 seconds 50 minutes 5 hours

Score

5

Candy Shop

1. How much for 4 bags of M&Ms? →

Sweet Stuff Candy Shop	
Skittles	35¢
M&Ms	50¢
Gummies	49¢
Sour Chews	25¢

2. Gracie bought 4 Skittles, 6 M&Ms, 12 Gummies, and 14 Sour Chews. How many bags of candy did she buy? _____

3. Draw a picture graph to show the number of candy bags Gracie bought. Use ■ to show 2 bags.

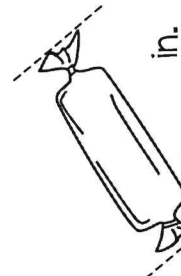
Title: _____

Key: _____

4. Use <, >, or =.

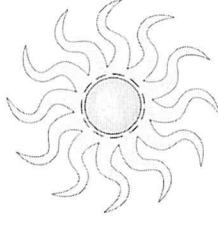
165 pennies 31 nickels

5. Measure the lengths of the candies to the nearest $\frac{1}{4}$ inch.



_____ in.

work and doodle space:



I hope you are having a FUN summer !!!



Day

18

Side 2

Fast Facts

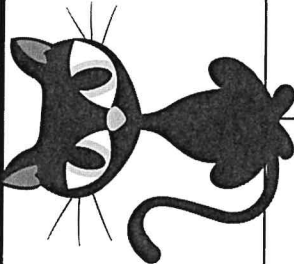
Set a timer for one minute.

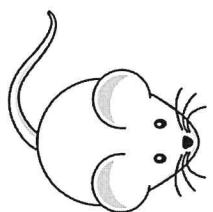
How many facts can you answer correctly in one minute? Write your score here. → →

Score

20

Help Bristol find the mouse. color all the squares with an odd quotient.



$\begin{array}{r} 20 \\ \div 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \div 3 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ \div 2 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ \div 6 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ \div 6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \div 5 \\ \hline \end{array}$
$\begin{array}{r} 36 \\ \div 9 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ \div 6 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ \div 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \div 5 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ \div 2 \\ \hline \end{array}$	$\begin{array}{r} 42 \\ \div 6 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ \div 1 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ \div 7 \\ \hline \end{array}$	$\begin{array}{r} 21 \\ \div 3 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ \div 7 \\ \hline \end{array}$	$\begin{array}{r} 32 \\ \div 4 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ \div 8 \\ \hline \end{array}$
					

Summer Math for Students Entering 4th Grade

© In the Math Lab

On the Farm

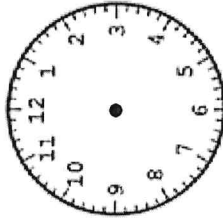
Day

19

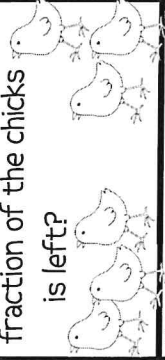
1. Go fetch! Split
Maisy's ball into
quarters.



4. It's 5:45 a.m. Time to milk the
cows. Draw hands
on the clock to
show 5:45.

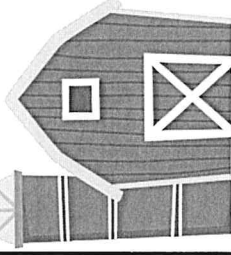


2. There are
6 baby chicks. Two
chicks run away. What
fraction of the chicks
is left?



5. Animals on Sunnyside Farm

Horses	3	Pigs	7
Ducks	15	Cows	15
Goats	13	Chickens	13

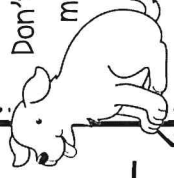


- Fill in the missing numbers:
- > There are 4 times more ducks than horses.
 - > There are 5 fewer goats than pigs.

How many
animals in all?
(Maisy, too!)

Score	5
-------	---

Don't forget
me...I'm an
animal, too!



3. Goats Lucy and Leo were born this year on April 2.
Look at a calendar. How old
are they today? (in days)



_____ days

Score

5

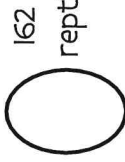
Camden Park Zoo

Day

20

1. Use <, >, or =.

126
reptiles



162
reptiles

2. What is
70 less than the
← greater number?

3. The seal show starts in three-quarters
of an hour. How many minutes until the
show starts?

_____ minutes



4. Make an estimate.

A giraffe's neck is
about _____ long.

6 feet 60 yards

5. Over at the Reptile House, the alligator is fed 4 pounds of
chicken and twice that amount of fish. He eats 7 pounds of the
food. How much food does he have left to eat?



_____ pounds

Score

5

work and
doodle space:

Day

21

Side 2

Fast Facts

Set a timer for one minute.

How many facts can you answer correctly in one minute? Write your score here. →→

Score

20

candy colors:

3 or Less: Red

4 - 6: Yellow

7 - 10: Green

$4 \div 2 =$

$12 \div 4 =$

$54 \div 6 =$

$56 \div 7 =$

$16 \div 2 =$

$12 \div 3 =$

$9 \div 1 =$

$40 \div 5 =$

$8 \div 8 =$

$40 \div 4 =$

$48 \div 8 =$

$16 \div 4 =$

$18 \div 9 =$

$3 \div 1 =$

$36 \div 4 =$

$72 \div 8 =$

$18 \div 2 =$

$25 \div 5 =$

$12 \div 2 =$

$24 \div 6 =$

Busy Bugs

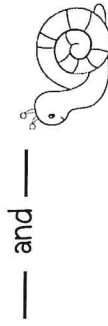
Day

22

1. Make this true.

$$\frac{1}{3} > \frac{1}{3}$$

2. Name two more fractions that are less than $\frac{1}{3}$.



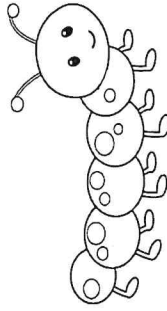
— and —

4. Show 18 in 3 more ways.

$$3 \times 6$$

18

5. This caterpillar has 8 spots on his body. If 4 more caterpillars have the same number of spots, how many spots on all 5 caterpillars? Write the equation.

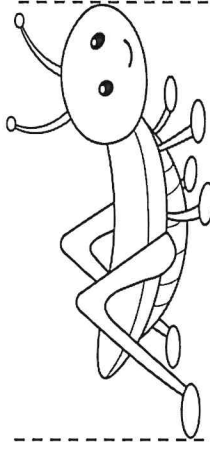


_____ spots

Score

5

3. Measure the grasshopper to the nearest $\frac{1}{4}$ inch.



_____ in.

Summer Birthday!

Day

23

1. Jake's party is starting. What time is it?



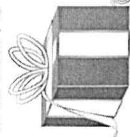
2. Jake's party will end in $2\frac{1}{2}$ hours. What time will the party end?

3. Eva is making a bead necklace for Sophie. Use the table $\rightarrow$ to find out how much each letter bead costs.



How much does the necklace cost in all? _____ ¢

4. Shannon's grandmother just turned 74 years old. Shannon's mom is 39 years younger. How old is Shannon's mom?



5. Today is Kenneth's 9th birthday. His dad gave him 9 dollars, 9 dimes, 9 nickels, and 9 pennies! How much money is that?

\$ _____

Score

5

work and

doodle space

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
2¢	3¢	2¢	3¢	4¢	2¢	3¢	3¢	5¢	3¢	2¢	3¢	6¢	3¢	4¢	6¢	3¢	2¢	3¢	4¢	2¢	2¢	3¢	2¢	3¢	1¢

Day

24

Side 2

Fast Facts

Set a timer for one minute.

How many facts can you answer correctly
in one minute? Write your score here. →→

Score

20

Scoops! Color the scoops your favorite ice cream flavors.

$$\begin{array}{r} 8 \\ \div 2 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \div 7 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ \div 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \div 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \div 4 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \div 9 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \div 10 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ \div 9 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ \div 7 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \div 4 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ \div 9 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \div 6 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \div 8 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \div 5 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ \div 7 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \div 8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \div 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \div 6 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \div 7 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \div 9 \\ \hline \end{array}$$

Bookworm

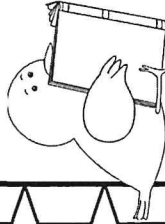
Day

25

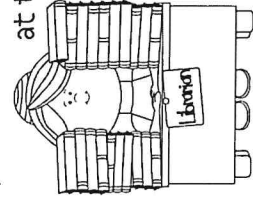
1. Use <, >, or =.

$\frac{1}{8}$ of a book is $\frac{1}{4}$ of the same book

4. What is the title of your most favorite book?



2. Julia read 298 pages. Mia read 352 pages. About how many more pages did Mia read than Julia? (Round to nearest 10, then subtract.)

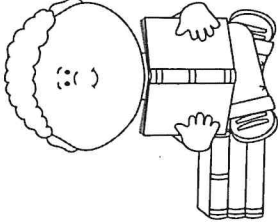


3. There are 6 people waiting to check out books at the library. Three people have 6 books each. Two people have 4 books each, and one person has 5 books. How many books in all? _____ books

5. Cody is reading 3 books this summer.

Book 1 has 280 pages.
Book 2 has 124 pages.
Book 3 has 378 pages.

How many pages will Cody read this summer? _____ pages



Score

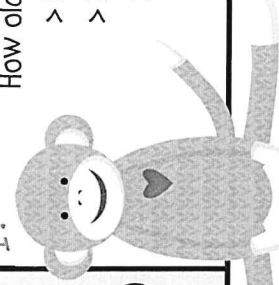
5

We Love Monkeyshines

Day

26

1. How old is Monkeyshines? Clues:
> He's older than a 3rd grader.
> He's younger than $4 \times 3 =$ _____
> His age could be made with _____ nickels. How old is he?



4. Leonard measured Monkeyshines' tail. How long is the tail? _____ inches (using this ruler)



5. Brianna wants to tie a red ribbon around Monkeyshines. The blue ribbon is $\frac{3}{4}$ inch longer than the red ribbon. The yellow ribbon is 4 inches longer than the blue ribbon. Color the ribbons.

_____ 22 $\frac{1}{2}$ inches long
_____ 18 $\frac{1}{2}$ inches long
_____ 17 $\frac{3}{4}$ inches long

3. Make a necklace for Monkeyshines.

Use the same table from Day 23.

Wow, he has a long name!

M O N K E Y S H I N E S

How much will the necklace cost? _____ ¢

Score

5

Work and doodle space

How many books will you read this summer?

