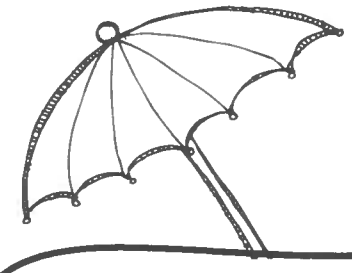
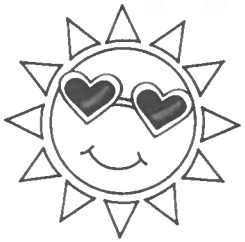


SUMMER



Summer Math

Name _____

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You're on your way to Fourth Grade.

Color one step along the path for each day that you complete.

START

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

You have a good start!

Keep up the good work!

Halfway there!

Wow - almost done!

We can't wait to see you in Fourth Grade!

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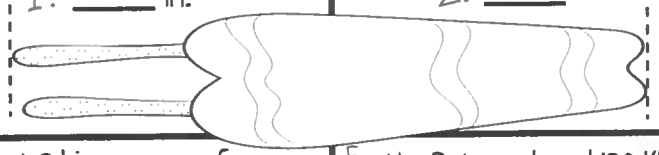
We Scream for Ice Cream

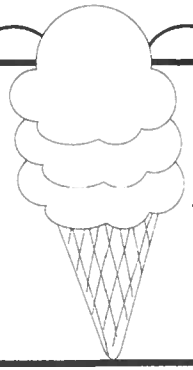
Day 1

Measure the popsicle to the nearest ½ inch and centimeter.

1. ____ in. 2. ____ cm



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.

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?

_____

5. Mr. Pete ordered 120 Klondike® bars for his ice cream truck. He sold 48 of the bars last week. How many bars does he have left?

_____ bars

Score _____ / 5

work and doodle space

Beach Time

Day 2

1. Use <, >, or =.

423 shells ◯ 432 shells

2. Write the ← greater number using words.

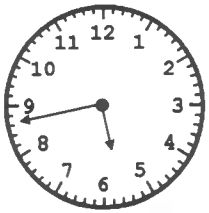
_____

_____ shells

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

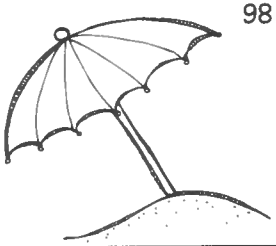
KEY: = 100 = 10 = 1

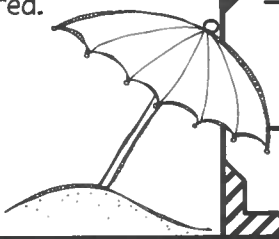
4. It's time to leave the beach. What time is it?



_____ : _____

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

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Day 3

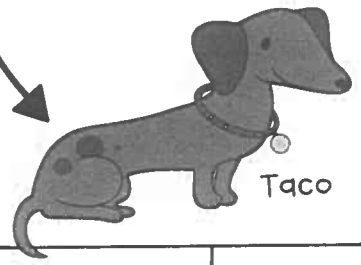
Side 2

Fast Facts

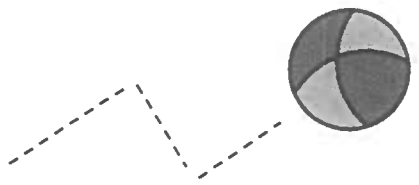
Set a timer for one minute.
How many facts can you answer correctly in one minute? Write your score here. →→

Score ____ / 20

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



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



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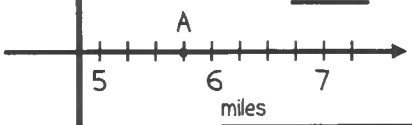
Road Trip

Day 4

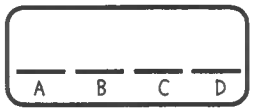
1. How many states have you visited?

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

Point A = _____ mi.



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

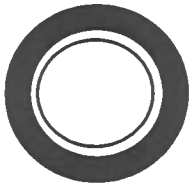


Clues

A = 32 ÷ 8 B = A + A

C = B + 1 D = C ÷ 3

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.

_____ _____ _____ _____ _____

Score

_____

5

work and doodle space

SHAPES WORD BOX

Square
Rectangle
Triangle
Rhombus
Pentagon
Circle
Octagon

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.

List them over there. →

_____

3. Jason kept track of the 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
II	~~IIII~~ III	IIII

4. Some dads and kids played baseball on Father's Day. The dads' score was 5. The kids' score was 3 times that number. What was the kids' final score?

_____

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

Title: Half Court

_____

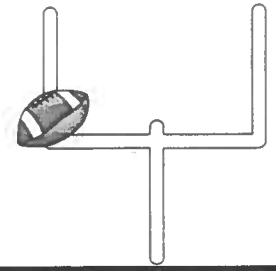
_____

_____

Score

_____

5



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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 x 5 =	4 x 7 =	7 x 8 =	5 x 1 =
7 x 9 =	9 x 3 =	6 x 9 =	8 x 5 =
0 x 8 =	7 x 6 =	2 x 3 =	6 x 8 =
7 x 1 =	9 x 4 =	6 x 3 =	6 x 10 =
3 x 4 =	5 x 9 =	8 x 3 =	9 x 8 =

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Water Fun

Day 7

1. Use <, >, or =.

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

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?

$\$$_____

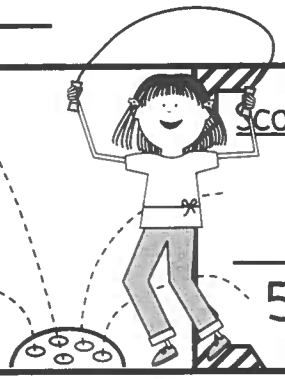
4. Tina played in the sprinkler for 1 hour. She stopped playing at 4:45. What time did she start playing?

_____ : _____

5. Maya skips rope through the sprinkler while counting by 4s. Help her count.

4 ___ ___ ___ ___ ___

___ ___ ___ ___ ___ ___



Score _____ / 5

work and doodle space

Goin' Camping

Day 8

1. Animals at the Campground

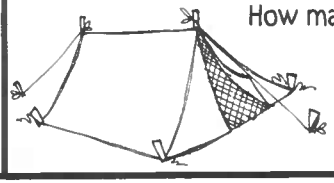
Squirrels	6	Deer	3
Raccoons	2	Birds	19

How many in all? _____

2.

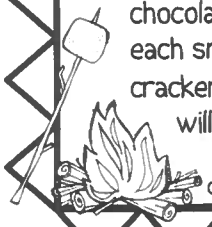
← 5 birds flew away. 3 squirrels scampered off. 2 more deer appeared. How many animals now? _____

3. Michael'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

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?



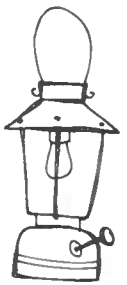
crackers: _____ chocolate: _____

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

about _____ inches

OR about _____ feet

Score _____ / 5



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Day 9

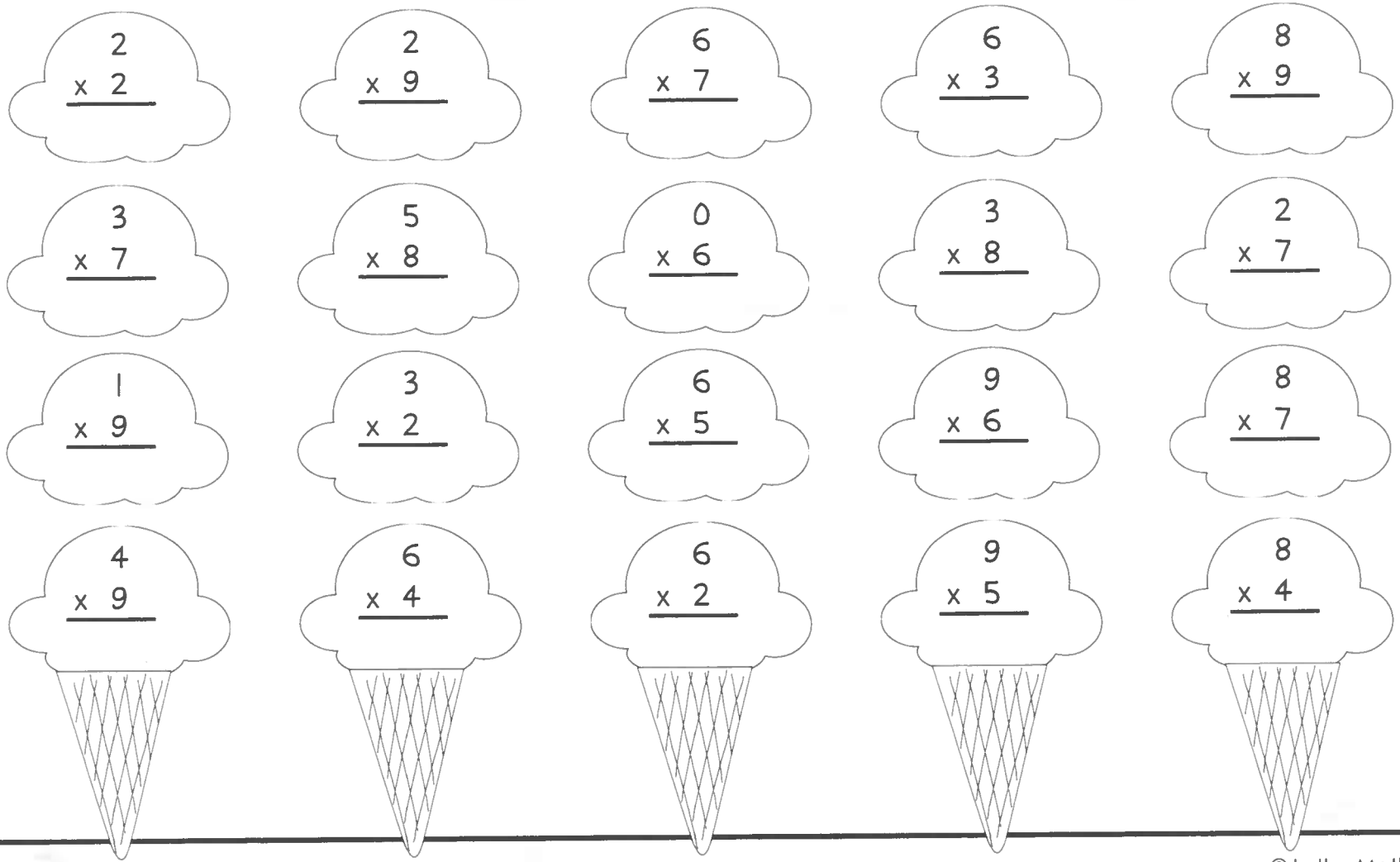
Side 2

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.



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Sand Castles

Day 10

1.

Jo built 24 towers. A wave swept ½ of them away.

How many are left? ____

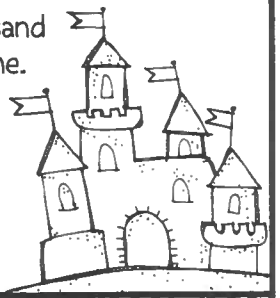
2. When a bucket is full of sand, it weighs 750 grams. How much would two buckets of sand weigh?

____ grams

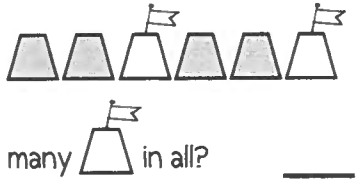
3. Olivia and friends made 6 sand castles that looked like this one. Each castle has four flags. How many flags in all?

Write the equation.

_____

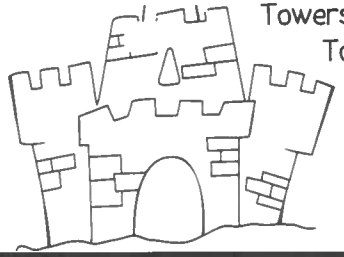


4. There are 30 towers in this pattern.



How many in all? ____

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

1. How much for one bike helmet and two chains?

$ _____

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

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.

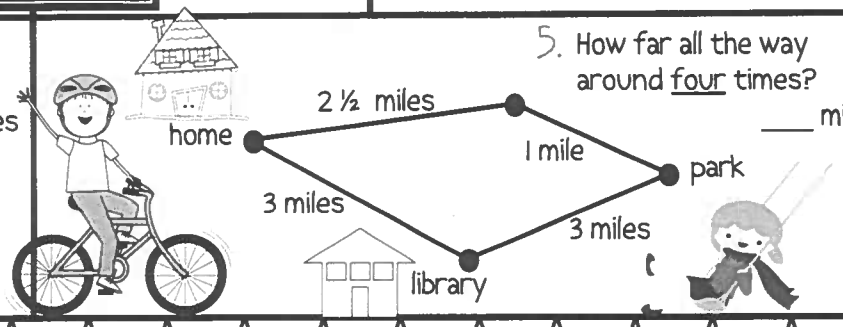
Jacob's bike weighs 12 _____.

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



5. How far all the way around four times?

____ mi.

Score

____

5

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Day 12

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

Crab attack!

See if you can score 20/20 !

1 x 8 =	9 x 2 =	4 x 6 =	5 x 6 =	4 x 2 =
5 x 8 =	2 x 8 =	8 x 7 =	3 x 9 =	7 x 4 =
4 x 5 =	9 x 7 =	8 x 2 =	7 x 5 =	6 x 6 =
7 x 2 =	3 x 6 =	4 x 4 =	3 x 10 =	4 x 3 =

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In the Tree House

Day 13

1. Circle the even numbers.

42 87 16 105 73 54

2. Circle the odd numbers.

133 66 43 55 100 68 73

3. Choose the best estimate. Jason's tire swing hangs from a rope that is _____ long.

> 2 feet
> 20 feet
> 200 feet

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.

_____

5. **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
→								

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 heaviest.

2. Ms. Smith bought 3 watermelons. They each weigh 9 kg. How much do they weigh altogether? Write the equation.

_____

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?

_____ seeds

5. Lisa spread this tablecloth on the ground.

Color ¼ red.
Color ¼ blue.
Color ¼ green.
Color ¼ yellow.

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

_____ sq. units

Score _____ / 5

work and doodle space

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Day 15

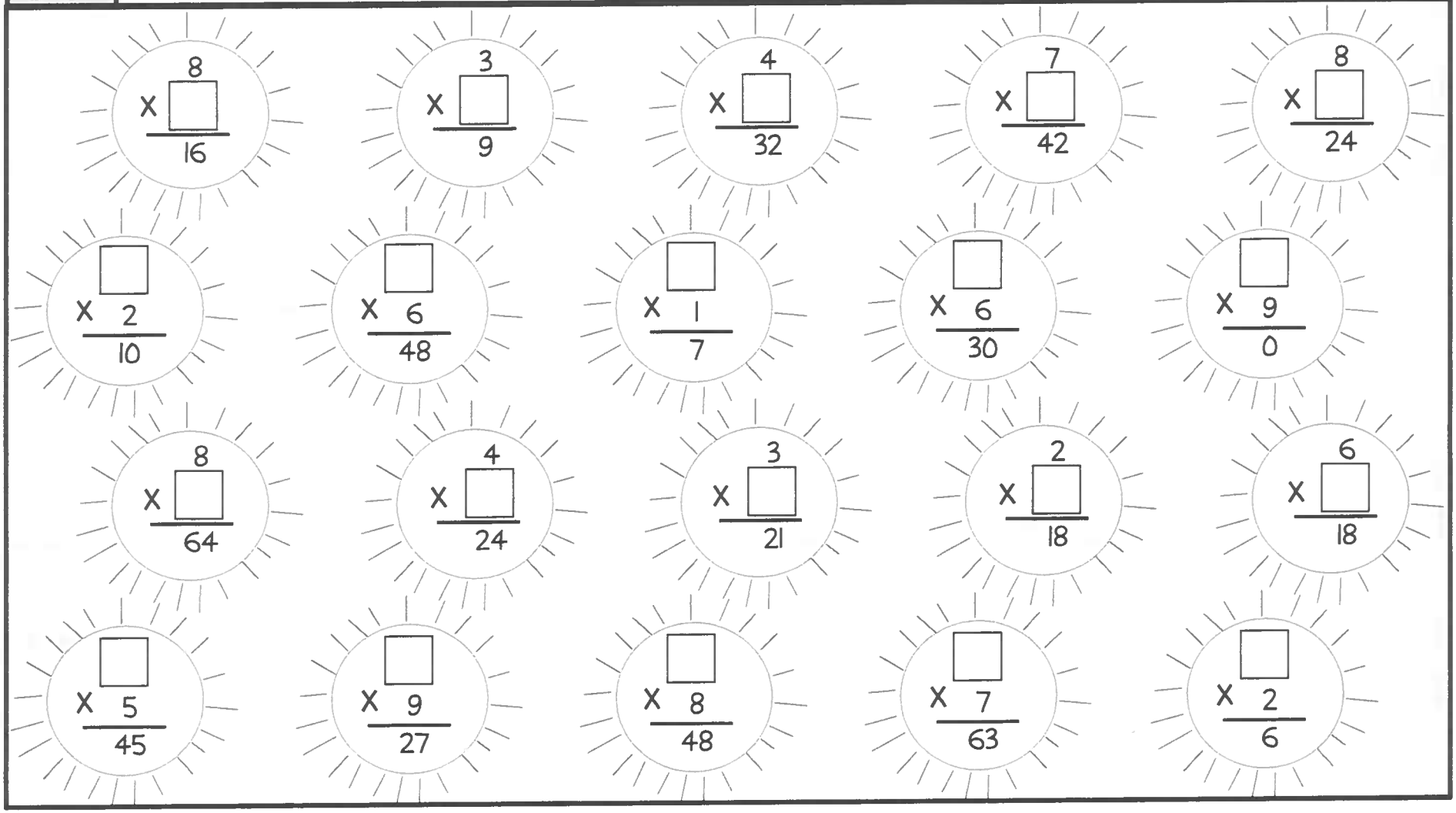
Side 2

Fast Facts

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

Score ____ / 20

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



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Pool Party

Day 16

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?

____

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's shape is a rectangle. What is the pool's perimeter?

____ m

5.

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

50 minutes 50 kilograms 50 seconds

Score ____ 5

Candy Shop

Day 17

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 bags of 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.

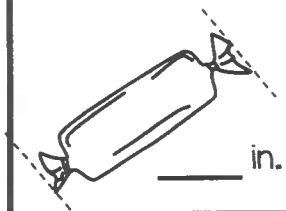
Title:

Key: ■ = 2 bags

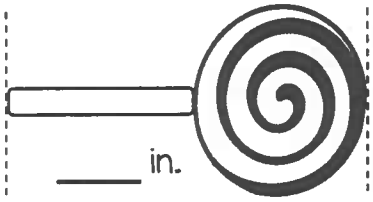
4. Use <, >, or =.

165 pennies ◯ 31 nickels

5. Measure the lengths of the candies to the nearest ¼ inch.



____ in.



____ in.

Score ____ 5

Work and doodle space

I hope you are having a FUN summer!!!

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Day 18

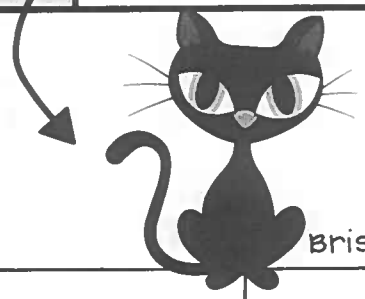
Side 2

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.



		20 ÷ 2	48 ÷ 6	36 ÷ 6	10 ÷ 5
20 ÷ 4	9 ÷ 3	16 ÷ 8	5 ÷ 5	14 ÷ 2	42 ÷ 6
36 ÷ 9	18 ÷ 6	28 ÷ 7	6 ÷ 2	32 ÷ 4	56 ÷ 8
4 ÷ 1	35 ÷ 7	21 ÷ 3	49 ÷ 7		

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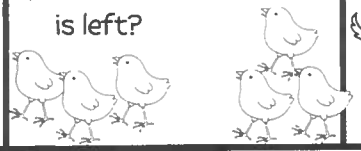
On the Farm

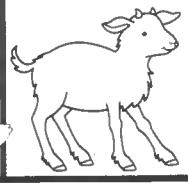
Day 19

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

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

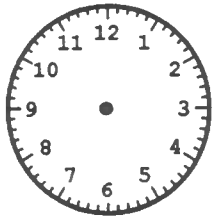


3. Goats Lucy and Leo were born this year on April 2. Look at a calendar. How old are they today? (in days)

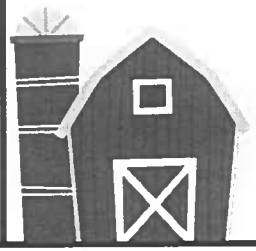


_____ days

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



5.



Animals on Sunnyside Farm

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

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

Fill in the missing numbers:

> There are 4 times more ducks than horses.

> There are 5 fewer goats than pigs.

Score _____ 5

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

Camden Park Zoo

Day 20

1. Use <, >, or =.

126 reptiles ◯ 162 reptiles

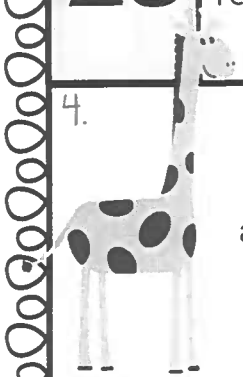
2. What is 70 less than the ← greater number?

_____

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

_____ minutes

4.

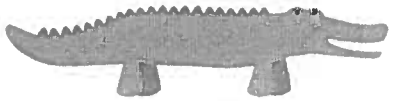


Make an estimate.

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

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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 ÷ 2 =	12 ÷ 3 =	48 ÷ 8 =	72 ÷ 8 =
12 ÷ 4 =	9 ÷ 1 =	16 ÷ 4 =	18 ÷ 2 =
54 ÷ 6 =	40 ÷ 5 =	18 ÷ 9 =	25 ÷ 5 =
56 ÷ 7 =	8 ÷ 8 =	3 ÷ 1 =	12 ÷ 2 =
16 ÷ 2 =	40 ÷ 4 =	36 ÷ 4 =	24 ÷ 6 =

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Busy Bugs

Day **22**

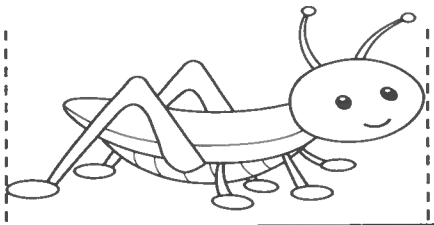
1. Make this true.

$\frac{1}{3}$ > —

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

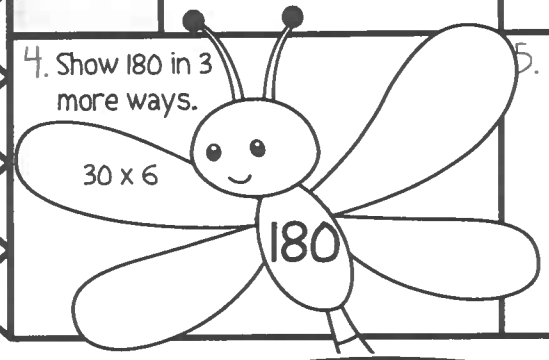
— and —

3. Measure the grasshopper to the nearest ¼ inch.

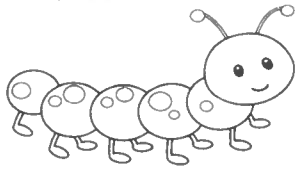


____ in.

4. Show 180 in 3 more ways.



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

Summer Birthday!

Day **23**

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

___:___

2. Jake's party will end in 2 ½ hours. What time will the party end?

___:___

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

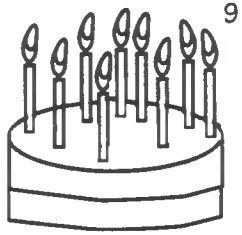
S	O	P	H	I	E

How much does the necklace cost? ____¢

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
¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢

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Day 24

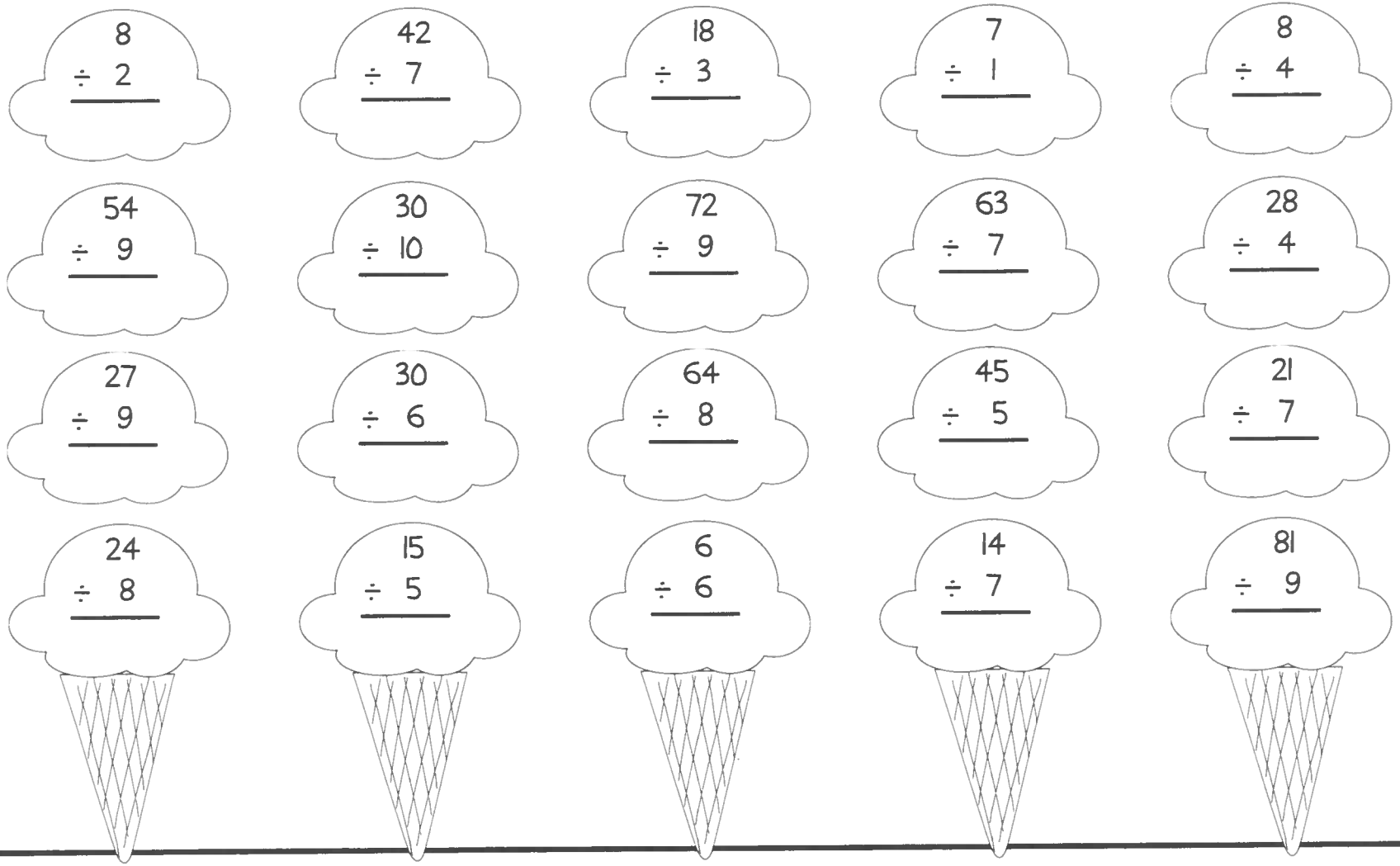
Side 2

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.



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Bookworm

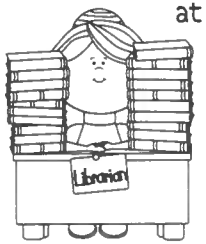
Day **25**

1. Use <, >, or =.

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

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

_____

_____

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?

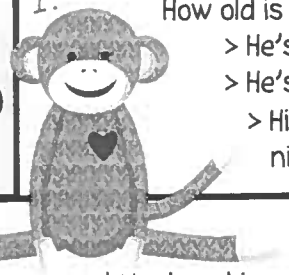
_____ pages

Score _____ / 5

We Love Monkeyshines

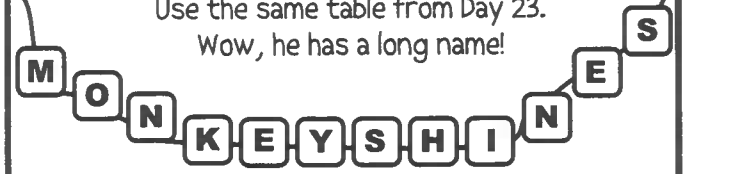
Day **26**

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



2.

3. Make a necklace for Monkeyshines. Use the same table from Day 23. Wow, he has a long name!



How much will the necklace cost? _____ ¢

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 ¾ inch longer than the red ribbon. The yellow ribbon is 4 inches longer than the blue ribbon. Color the ribbons.

Score _____ / 5

work and doodle space

How many books will you read this summer?

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Day 27

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

Crab attack!

See if you can score 20/20 !

48 ÷ 8 =	63 ÷ 9 =	24 ÷ 3 =	27 ÷ 3 =	7 ÷ 7 =
24 ÷ 4 =	50 ÷ 5 =	35 ÷ 5 =	20 ÷ 5 =	42 ÷ 6 =
30 ÷ 5 =	6 ÷ 3 =	70 ÷ 10 =	15 ÷ 3 =	9 ÷ 3 =
32 ÷ 8 =	10 ÷ 2 =	40 ÷ 8 =	8 ÷ 4 =	28 ÷ 7 =

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At the Playground

Day **28**

1. Name one thing at the playground that is shorter than a meter.

_____

2. Name one thing at the playground that is longer than a meter.

_____

3. Nine boys on skateboards. Each skateboard has 4 wheels. How many wheels in all? Write the equation.

_____ wheels

4. Aubrey uses sidewalk chalk to make a design. If the square shows halves, color it orange. If fourths, color purple. If thirds, color blue.

5. Maya is skipping rope while counting by 6s! Help her count.

6 12 ____ ____ ____

____ ____ ____ ____ ____

Score ____ / 5

work and doodle space

Under the Sea

Day **29**

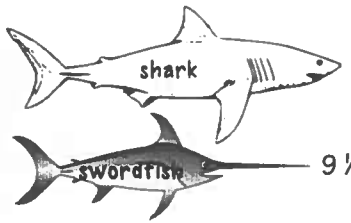
1. Use <, >, or =.

865 fish 856 fish

2. Start with the smaller ← number. Add 125, then subtract 699. What number?

_____

3. How much longer is the shark than the swordfish?



16 ½ feet

9 ½ feet

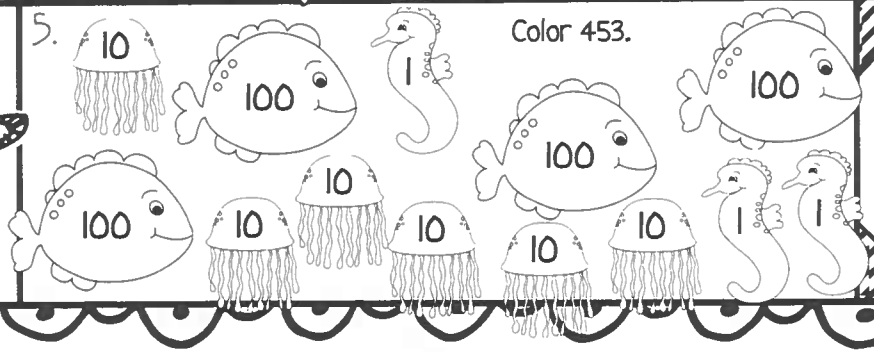
____ feet

4. Show 250 in 4 more ways.

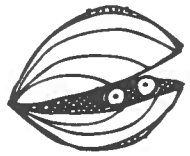
200 + 50

250

5. Color 453.



Score ____ / 5



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Day 30

Side 2

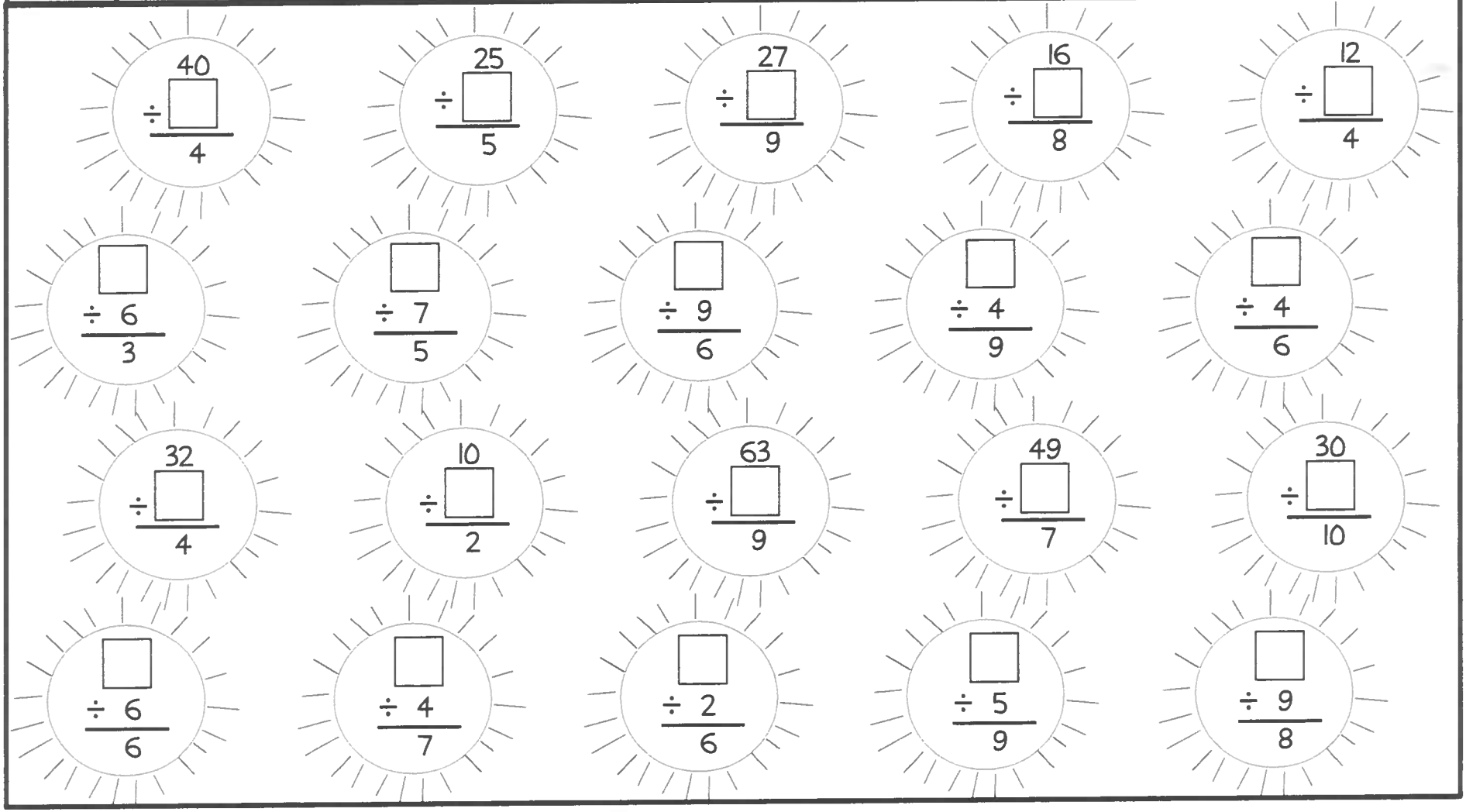
Fast Facts

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

Score ____ / 20

Sunny days!

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



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