Summer Reading and Math for Incoming 4th Graders 2026-2027

Dear 4th Graders,

I cannot wait to have a fun-filled year with you! Have a great summer, and please take a little time each week to read a book you enjoy, and work on a little math. See you all in September!

Sincerely,
Ms. Jensen

Book Suggestions!

1. *Tales of a Fourth Grade Nothing* by Judy Blume
2. *Frindle* by Andrew Clements
3. *The One and Only Ivan* by Katherine Applegate
4. *The Lightning Thief* by Rick Riordan
5. *Because of Winn-Dixie* by Kate DiCamillo
6. *Charlotte's Web* by E.B. White
7. *The Wild Robot* by Peter Brown
8. *Matilda* by Roald Dahl
9. *Esperanza Rising* by Pam Munoz Ryan
10. *The Lemonade War* by Jacqueline Davies
11. *Your Place in the Universe* by Jason Chin
12. *The Lion of Mars* by Jennifer L Holm
13. *Allergic: A Graphic Novel* by Megan Wagner Lloyd
14. *The Front Desk* by Kelly Yang

Summer Reading and Writing

I would like each student to read at least two books of their choice. The list provided contains suggestions for books the children may enjoy. Students should write in complete sentences when answering the questions. Please write in your best cursive or manuscript handwriting.

Summer Math

This summer I would like students to review 3rd grade math concepts using the provided packet of spiral review. Students may use as much scratch paper as needed when completing these review pages.

Name_____ Date_____

Title of Book_____

_____

Author_____

Main Characters (please write in complete sentences)

_____

_____

_____

_____

_____

Setting (please write in complete sentences)

_____

_____

_____

_____

_____

Five events that take place in the story (please write in complete sentences)

Would you recommend this book to a friend? Why or why not?

Name: _____

3.OA.1

MULTIPLICATION AT THE BEACH

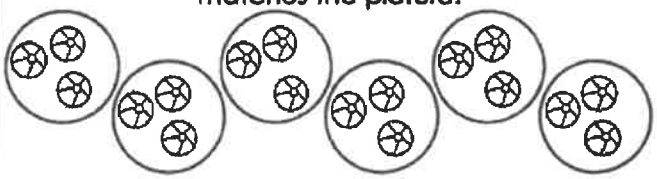
Use your multiplication strategies to help get ready for a day at the beach! Solve each problem by drawing, skip counting, or writing an equation.

You packed 4 coolers. Each cooler has 6 popsicles inside. How many popsicles do you have all together? **Draw a picture** to solve.

You set up 3 rows of 5 beach umbrellas. **Draw an array** and find out how many umbrellas there are in all.

You find 7 shells on each walk along the shore. You walk the beach 4 times. **Write a repeated addition equation** and solve.

Write the multiplication equation that matches the picture.



___ X ___ = ___

Write the multiplication equation that matches the picture.



___ X ___ = ___

Each surfboard rental stand rents out 5 surfboards a day. If there are 8 stands, how many surfboards are rented in one day? **Skip count and solve.**



True or False
(circle one)

4 X 4 = 8

A dolphin in the ocean jumps 5 times. Each jump is 3 feet long. How many feet did the dolphin jump in all? **Use the number line to solve.**





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Name: _____ 3.OA.2

PICNIC PARTY division

Use your division strategies to help prepare for the perfect picnic! Solve each problem by drawing, skip counting, or writing an equation.

You have 20 cupcakes to pass out. Each guest will get 2 cupcakes. How many guests are there? **Show the jumps you would make on a number line to solve.**



You have 18 watermelon slices to share equally among 6 friends. **Draw a picture** to show how many slices each friend will get.

There are 24 lemonade cups. If each guest drinks 3 cups, how many guests are there? **Draw an array** to help you solve.

You set up 4 picnic blankets. You need 20 sandwiches divided equally between the blankets. How many sandwiches per blanket? **Draw an array** to help you solve.

Write the division equation that matches the array.



___ ÷ ___ = ___

You have 36 strawberries to pack into containers. Each container holds 6 strawberries. **Draw a picture** to show how many containers will you fill.

Write the division equation that matches the picture.



___ ÷ ___ = ___

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Name: _____

3.OA.3



summer word problems

Use any strategy to solve these summer adventure word problems. Show your work!

You sell 6 cups of lemonade each hour. After 5 hours, how many cups of lemonade have you sold?

You have 24 beach towels to divide equally among 6 friends. How many towels does each friend get?



You win 42 tickets at the summer fair. If you share them equally between 7 friends, how many tickets does each friend get?

Each box of popsicles has 8 popsicles. You buy 3 boxes. How many popsicles did you buy in all?



Each sandcastle needs 4 flags. You build 9 sandcastles. How many flags do you need in total?

A store has 30 sunglasses. If they are put into 5 baskets equally, how many sunglasses are in each basket?

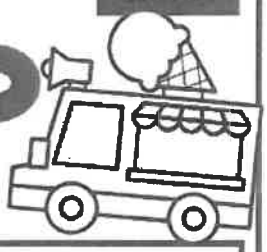


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Name: _____

3.OA.4

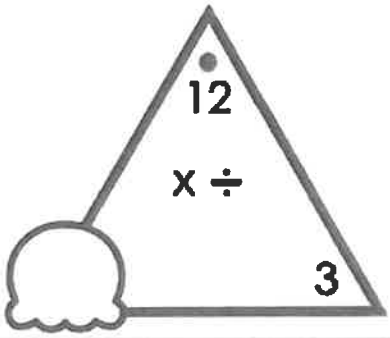
SOLVE & SCOOP



Each ice cream cone has a missing number. Solve the equation and write the missing number inside the scoop.

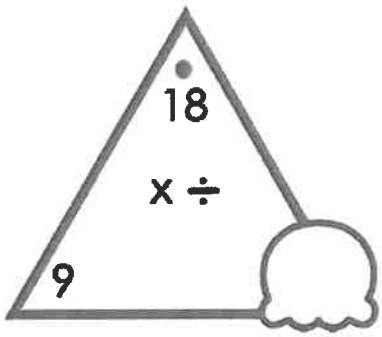
$5 \times \square = 40$

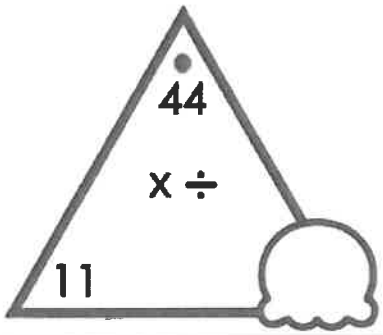
$\square \times 6 = 36$



$4 \times \square = 32$

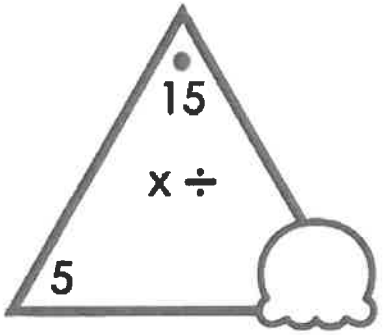
$\square \times 3 = 21$





$7 \times \square = 56$

$\square \times 2 = 12$



$\square \times 5 = 35$

$9 \times \square = 72$

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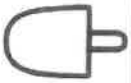
Name: _____

3.OA.5

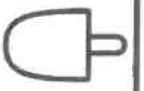
POPSICLE PROPERTIES

Use what you know about multiplication properties to solve or complete the equation.

commutative

2 x 3 = 6 → ___ x ___ = 

5 x 3 = 15 → ___ x ___ = 

4 x 9 = 36 → ___ x ___ = 

9 x 8 = 72 → ___ x ___ = 

associative

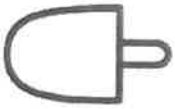
3 x (8 x 7) = (3 x n) x 7

n = 

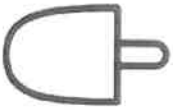
n x (9 x 3) = (8 x 9) x 3

n = 

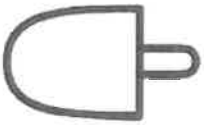
distributive

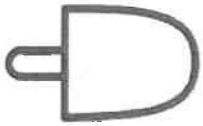
4 x 16 = (4 x 10) + (4 x ___) = 

3 x 17 = (3 x 10) + (3 x ___) = 

5 x 13 = (___ x ___) + (___ x ___) = 

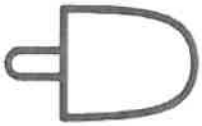
identity

1 x 14 = 

 = 1 x 87

zero

0 x 20 = 

 = 0 x 51

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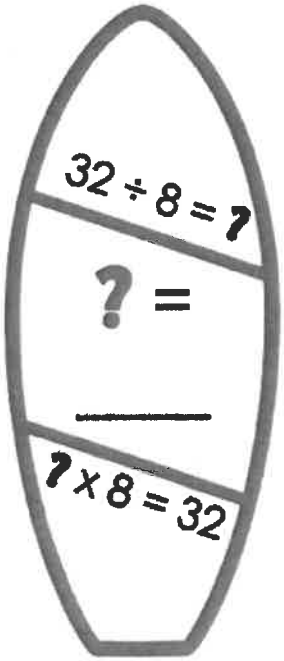
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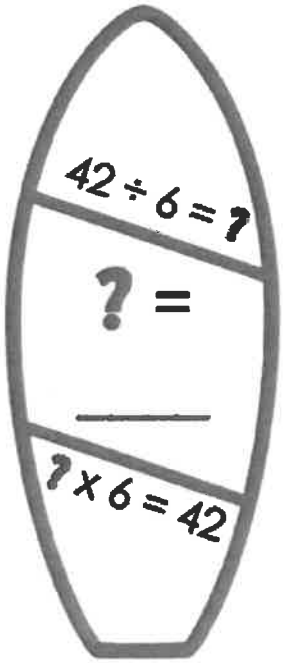
3.OA.6

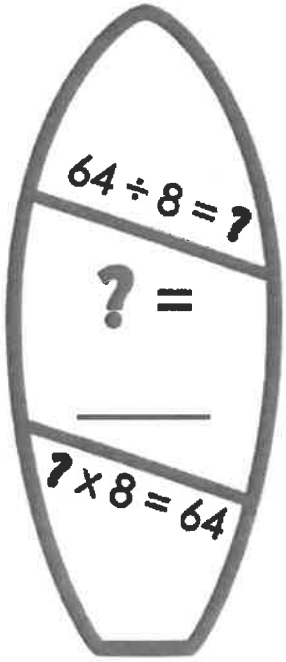
surf & SOLVE

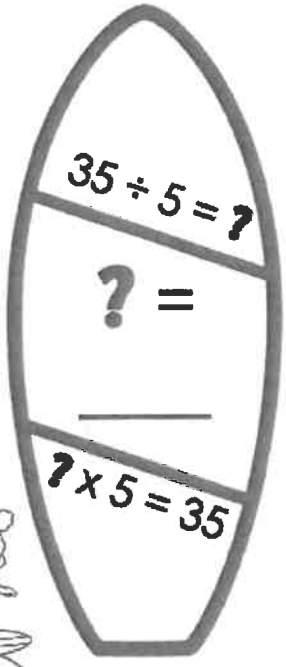


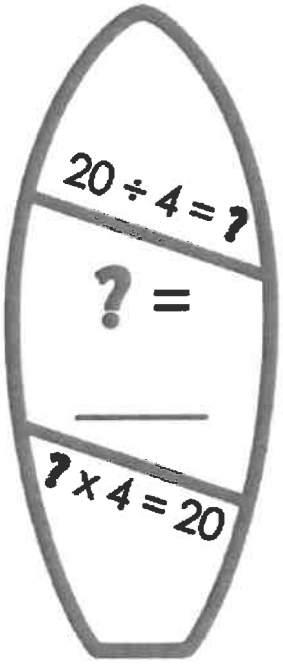
Use the equations to find the missing number. Surf's up!

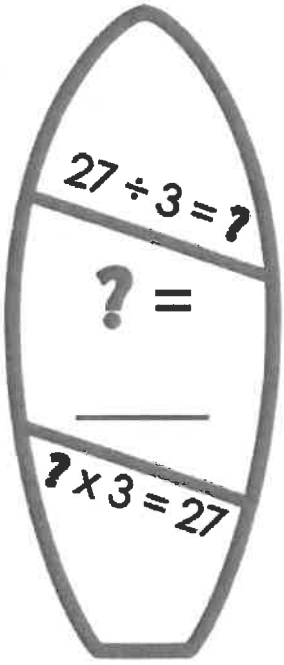














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Name: _____

3.OA.7

flip flop FACT FLUENCY

Solve the multiplication equations.

2 x 9 = ___	3 x 4 = ___	4 x 6 = ___
5 x 7 = ___	6 x 8 = ___	7 x 3 = ___
8 x 12 = ___	9 x 5 = ___	10 x 6 = ___
11 x 4 = ___	12 x 3 = ___	6 x 7 = ___
9 x 11 = ___	2 x 12 = ___	8 x 9 = ___

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Name: _____

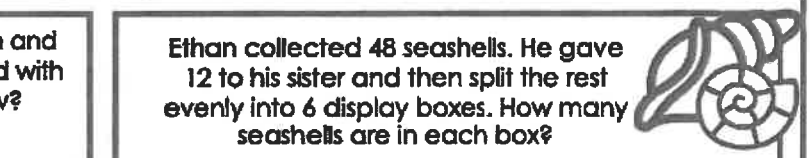
3.OA.8

SOLVE IT at the shore

Solve each word problem. Use any strategy and show your work!

Camila rented 2 beach umbrellas for $6 each and bought a pair of sunglasses for $10. She started with $25. How much money does she have now?

Ethan collected 48 seashells. He gave 12 to his sister and then split the rest evenly into 6 display boxes. How many seashells are in each box?



A beach ice cream cart sells cones for $3 each. On Saturday, they sold 8 cones in the morning and 12 cones in the afternoon. How much money did the cart make that day?



A surf shop has 5 racks. Each rack holds 4 surfboards. If 6 surfboards are rented out for lessons, how many are still in the shop?



The snack shack sells fruit cups for $4 each and drinks for $2 each. A group of 3 friends each bought 1 fruit cup and 2 drinks. If they paid with a $50 bill, how much change should they get back?

CHALLENGE

During a cleanup event, 6 volunteers each filled 3 trash bags. Later, 2 more volunteers joined and filled 4 bags each. If 5 bags ripped and couldn't be counted, how many full bags did they collect?

CHALLENGE

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Name: _____

3.OA.9



CARNIVAL COUNTS

Use what you know about number patterns to solve each problem.

Each ride at the carnival costs the same number of tickets. Look at the table below and figure out the rule.

rides	tickets
1	4
2	8
3	12
4	16
5	20

What is the rule?

Describe the pattern.





Each red balloon is worth 2 points. Each blue balloon is worth 3 points. If a player only hits red balloons, what pattern would you see in their scores?

List the first 5 possible scores:

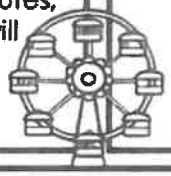
___ ___ ___ ___ ___

The ferris wheel completes 1 full rotation every 7 minutes.

Time Passed

___, 14, ___, 28, ___, 42

If the ride runs for 63 minutes, how many full spins will it complete?



Each bag of popcorn at the popcorn stand costs $3.

Prices:

3, ___, 9, ___, ___, 18

If you buy 8 bags, how much will it cost?



A cotton candy machine spins 9 cotton candies per minute. Fill in the pattern for 6 minutes:

minutes	cotton candies
1	
2	
3	
4	
5	
6	

Describe the pattern you see:



Match each number pattern to its correct rule.

5, 10, 15, 20	divide by 2
2, 4, 8, 16	add 5
32, 16, 8, 4	multiply by 2

Will products of 2 always be even? Why or why not?

# of cars	people
1	4
2	8
3	
4	

Each roller coaster car holds 4 people. Fill in the table to show how many people will be in 3 and 4 cars.

How many people will be in 6 cars?

How many people will be in 10 cars?



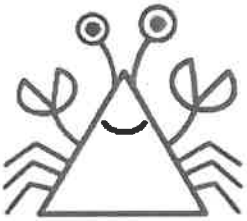
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Name: _____

3.G.1

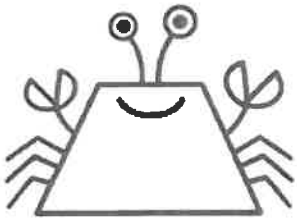
CRABBY about shapes

Look closely at the shape and name it! Then, list two attributes that help you know what shape it is.



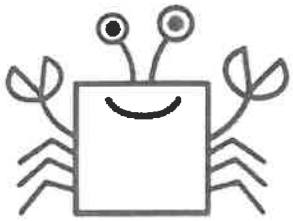
What **SHAPE** is this crab?

Name **2 ATTRIBUTES** of this shape.



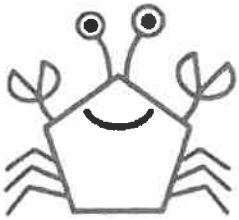
What **SHAPE** is this crab?

Name **2 ATTRIBUTES** of this shape.



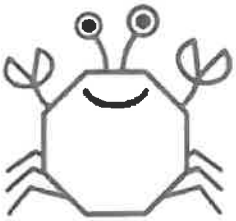
What **SHAPE** is this crab?

Name **2 ATTRIBUTES** of this shape.



What **SHAPE** is this crab?

Name **2 ATTRIBUTES** of this shape.



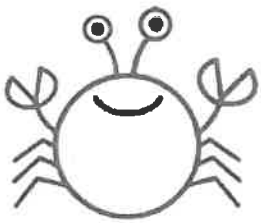
What **SHAPE** is this crab?

Name **2 ATTRIBUTES** of this shape.



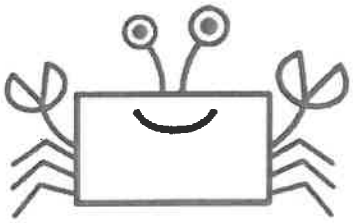
What **SHAPE** is this crab?

Name **2 ATTRIBUTES** of this shape.



What **SHAPE** is this crab?

Name **2 ATTRIBUTES** of this shape.



What **SHAPE** is this crab?

Name **2 ATTRIBUTES** of this shape.



What **SHAPE** is this crab?

Name **2 ATTRIBUTES** of this shape.

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Name: _____

3.G.2

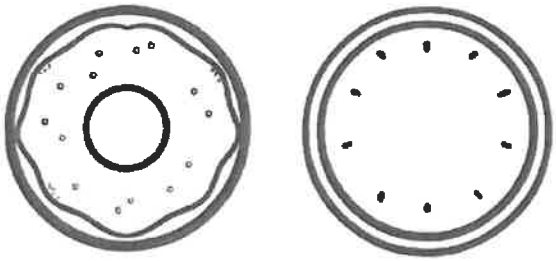
FRACTION snack shack

Look at each snack and follow the instructions — partition, circle, or cross out based on whether the parts are equal.

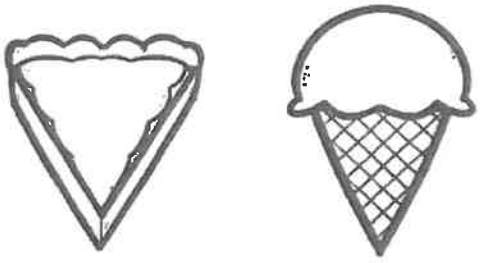
Cross out the snacks that are not partitioned into equal parts.



Partition each snack into 4 equal parts.



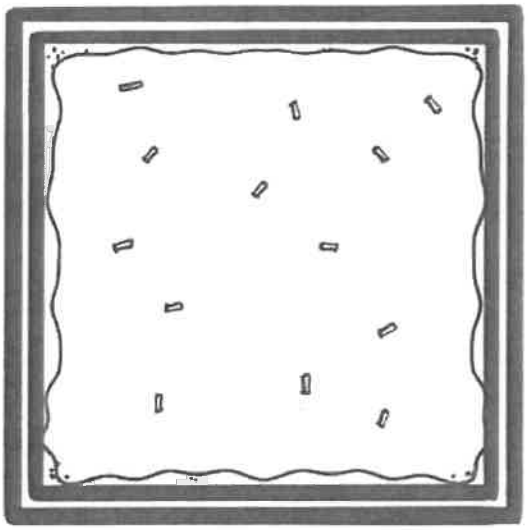
Partition each snack into 2 equal parts.



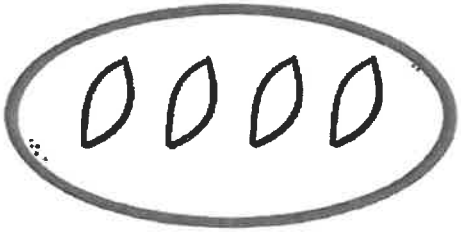
Circle the snacks that are partitioned into equal parts.

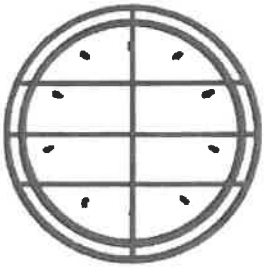


Partition the pan of brownies into 8 equal pieces.



Partition the bread into 2 equal pieces.





True or False

The watermelon is partitioned into 8 equal parts.

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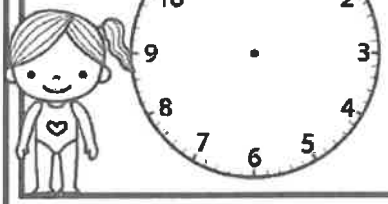
Name: _____

3.MD.1

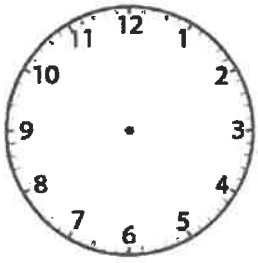
TIME FOR camp



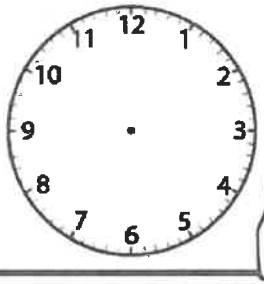
SWIM LESSONS start at 9:15. Show the time on the clock.



PADDLE BOATING starts at 11:28. Show the time on the clock.



LUNCH starts at 12:43. Show the time on the clock.



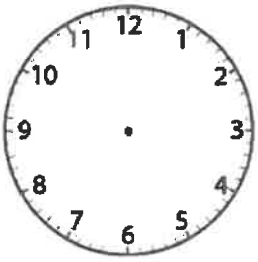


CAMPFIRE SONGS last from 7:25 PM to 8:05 PM. How long do the songs last?

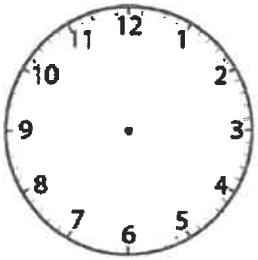
ARTS & CRAFTS ended at 3:10 PM. It lasted 55 minutes. What time did arts & crafts start?



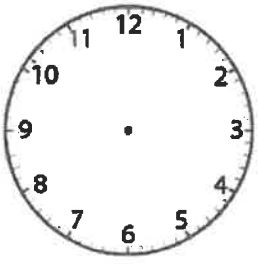
TIE DYING SHIRTS start at 2:36. Show the time on the clock.



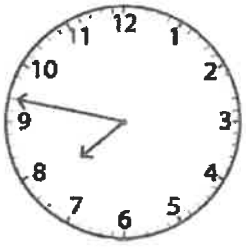
SNACK BREAK starts at 3:11. Show the time on the clock.

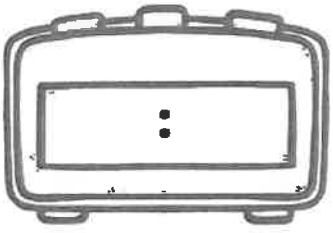


ARCHERY starts at 4:20. Show the time on the clock.

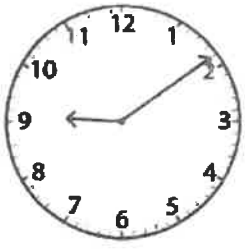


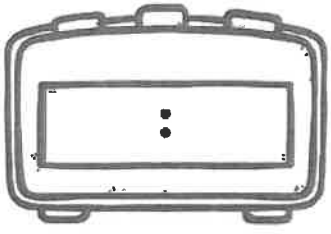
The clock shows what time you WOKE UP. Write the digital time.





The clock shows what time you WENT TO BED. Write the digital time.





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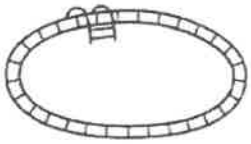
Name: _____

3.MD.2

Measurement mix-up

Circle the best answer for each question.

What unit would you use to measure water in a swimming pool?



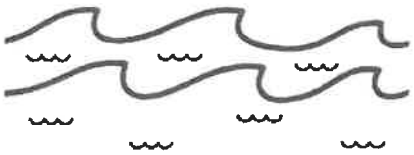
quarts gallons

What unit would you use to measure lemonade in a small pitcher?



quarts gallons

Estimate the amount of water in a pond.



50 gallons 5,000 gallons

Estimate the amount of sunscreen in a bottle.



200 milliliters 20 milliliters

What unit would you use to measure water in a water balloon?



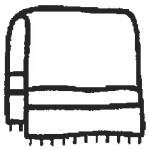
milliliters liters

What unit would you use to measure water in a bucket of water balloons?



milliliters liters

What unit would you use to measure the weight of a beach towel?



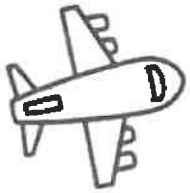
ounces tons

What unit would you use to measure the weight of a large watermelon?



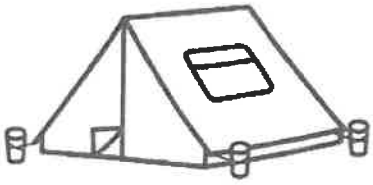
pounds ounces

Estimate the weight of an airplane.



150 ounces 150 tons

Estimate the weight of a camping tent.



1 grams 1 kilograms

What unit would you use to measure the weight of a bucket of sand?



grams kilograms

What unit would you use to measure the weight of a pair of sunglasses?



grams kilograms

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Name: _____

3.MD.3

POPSICLES at the PARK

Make a bar graph using the data in the table.

flavor	popsicles eaten
cherry	12
grape	9
lemon	6
orange	7
raspberry	4

Popsicles Eaten at the Park

Use the graph above to answer the questions.

Which popsicle flavor was the most popular?	How many popsicles were eaten in total?	How many more cherry than lemon popsicles were eaten?
How many popsicles would need to be added to orange to equal grape?	Which two flavors were eaten the least?	What is the difference between the least popular and the most popular flavors?
How many grape and lemon popsicles were eaten in all?	Would you say cherry popsicles were twice as popular as lemon popsicles? Why or why not?	If you added 3 popsicles to each flavor, how many popsicles would have been eaten in all?

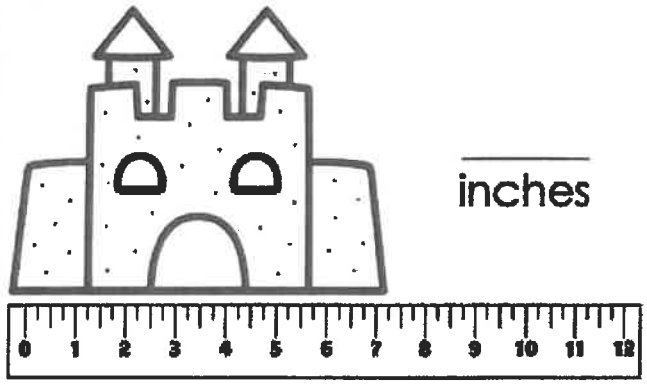
© CUPCAKES & CURRICULUM

Name: _____

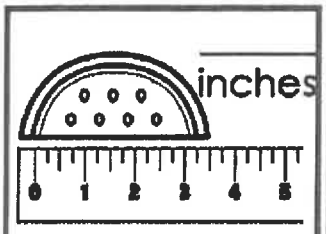
3.MD.4

RULERS in the SUN

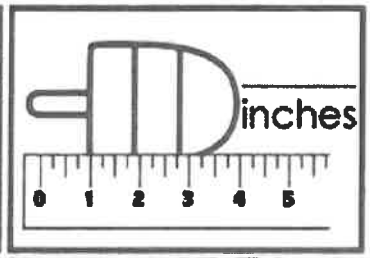
Measure each object to the nearest quarter-inch.



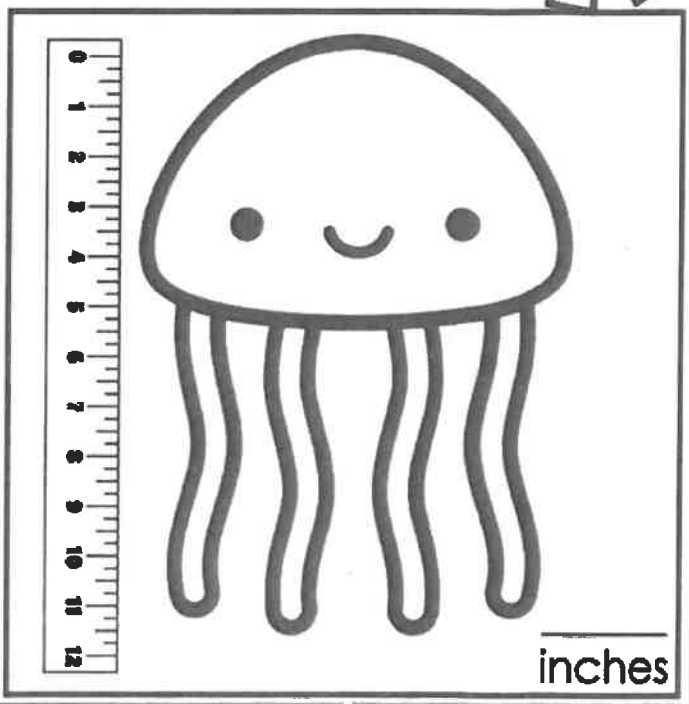
_____ inches



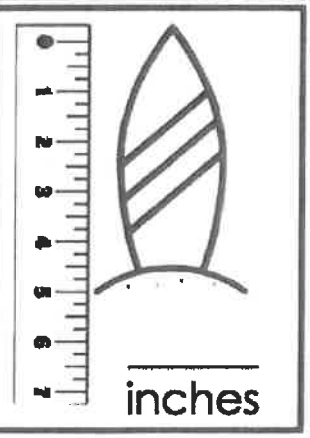
_____ inches



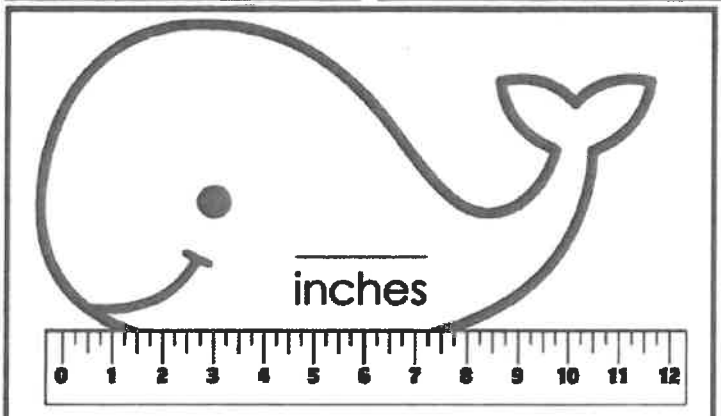
_____ inches



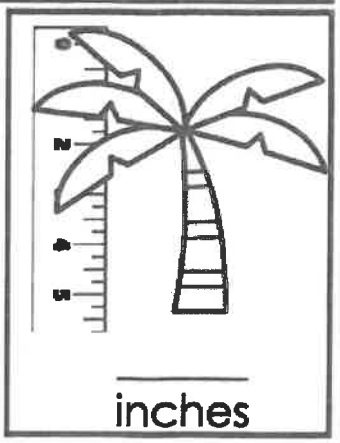
_____ inches



_____ inches



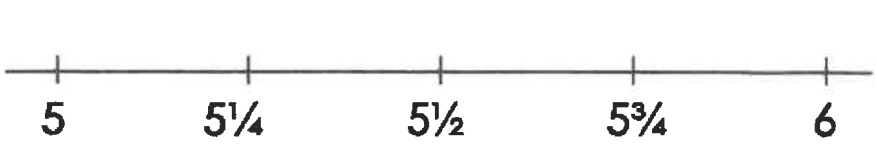
_____ inches



_____ inches

Each measurement shows the length of a beach towel to the nearest quarter-inch. Use the data to create a line plot.

5¼	5½
5¼	5¾
5½	6"
5½	5¼
5¾	5½



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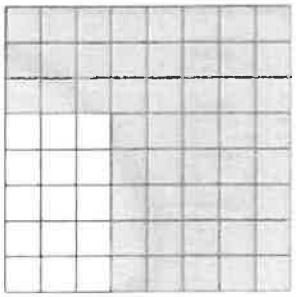
Name: _____

3.MD.5/6

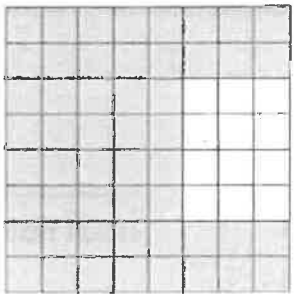


CAMPGROUND Area Check

The shaded area shows a tent on a campsite. What is the area of the tent in square units?

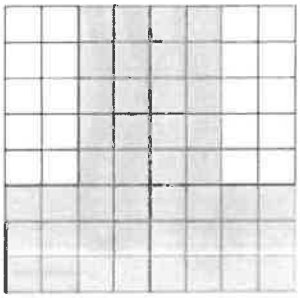


A = _____



The shaded area shows a tent on a campsite. What is the area of the tent in square units?

A = _____



The shaded area shows a tent on a campsite. What is the area of the tent in square units?

A = _____

The shaded area shows a tent on a campsite. What is the area of the tent in square units?

A = _____

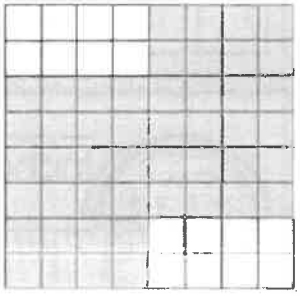
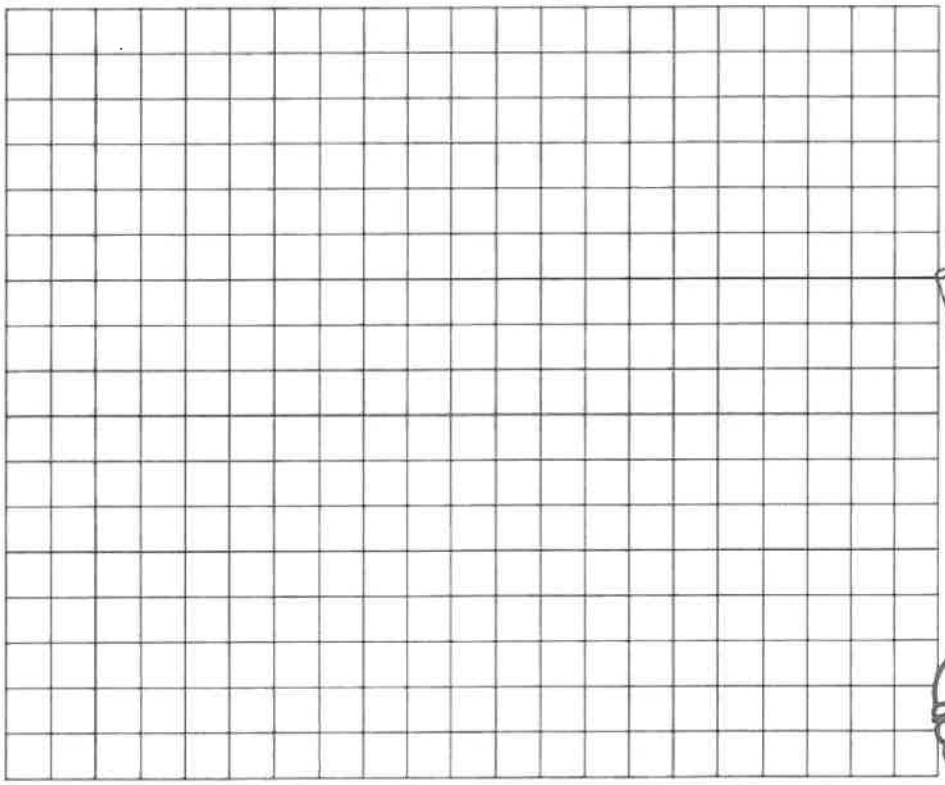
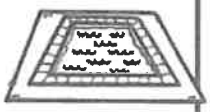


Figure out the area of each place found at summer camp, then plot it on the grid.



Swimming Pool:
L= 8 feet W=7 feet

A = _____





Pool Float Storage:
L= 3 feet W=2 feet

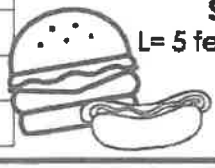
A = _____

Cabin:
L= 10 feet W=6 feet

A = _____



Snack Shack:
L= 5 feet W=3 feet



A = _____

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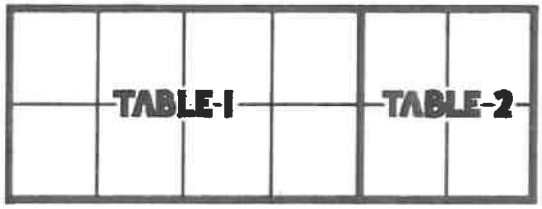
Name: _____

3.MD.7

SIZZLE & SOLVE: area



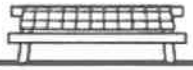
You are putting together tables to seat your friends at the backyard barbecue. Figure out the total area of each table using the distributive property.

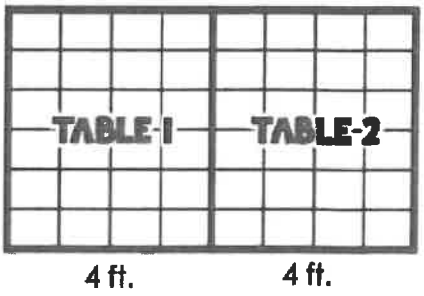


A = (____ x ____) + (____ x ____)

A = ____ + ____

A = _____ square feet



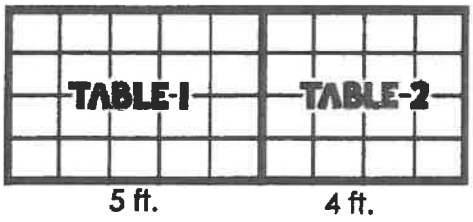


A = (____ x ____) + (____ x ____)

A = ____ + ____

A = _____ square feet



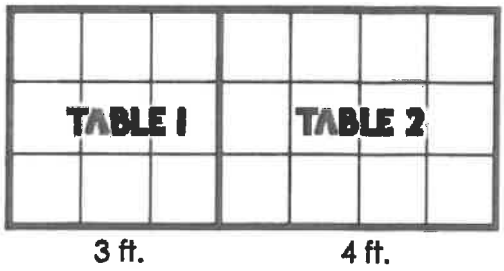


A = (____ x ____) + (____ x ____)

A = ____ + ____

A = _____ square feet



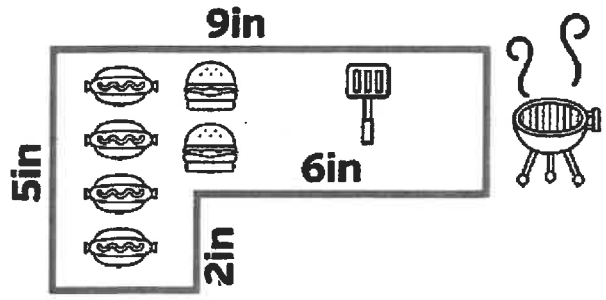


A = (____ x ____) + (____ x ____)

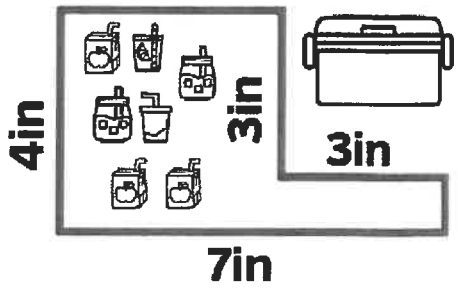
A = ____ + ____

A = _____ square feet

You are creating stations to prep your food for the backyard barbecue. Figure out the total area of each station.



The area of the grill station is _____.



The area of the drink station is _____.

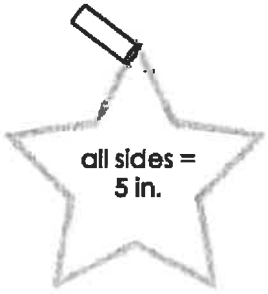
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Name: _____ 3.MD.8

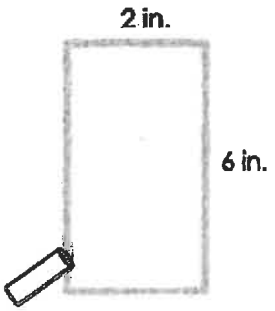
Chalky PERIMETER

Find the perimeter of the shapes that the kids have drawn.

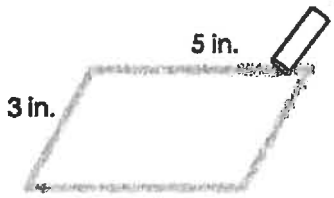




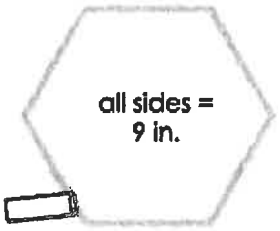
P = _____



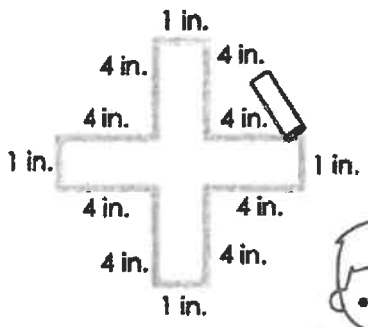
P = _____



P = _____

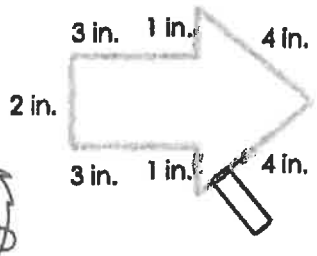


P = _____



P = _____





P = _____

Find the perimeter of the missing sides.

A chalk shape has 4 sides. Three sides measure 5 ft, 4 ft, and 5 ft. The total perimeter is 20 ft. **What is the missing side?**

A chalk shape has 4 sides. Three sides measure: 7 ft, 3 ft, and 6 ft. The total perimeter is 22 ft. **What is the missing side?**



A chalk shape has 5 sides. Four sides measure: 2 ft, 4 ft, 5 ft, and 3 ft. The total perimeter is 18 ft. **What is the missing side?**



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Name: _____

3.NF.1

LEMONADE STAND FRACTIONS





What fraction of the lemon is shaded?

Picture it:
One part of a lemon slice is shaded. The whole slice has 6 equal parts.

What fraction of the lemon is shaded?



What fraction of the lemon is shaded?

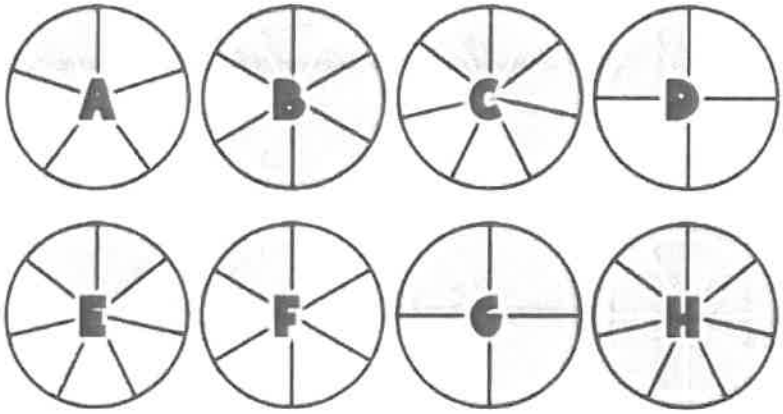
Write the letter of the correct fraction on the line.

$\frac{7}{7}$ ____ $\frac{1}{4}$ ____

$\frac{5}{6}$ ____ $\frac{4}{7}$ ____

$\frac{1}{6}$ ____ $\frac{3}{4}$ ____

$\frac{2}{7}$ ____ $\frac{1}{5}$ ____



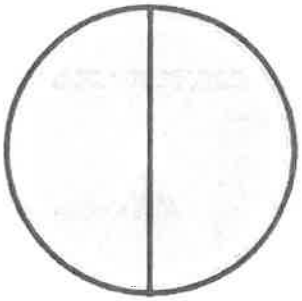
Color $\frac{3}{5}$ of the lemon slice.



Color $\frac{2}{3}$ of the lemon slice.



Color $\frac{1}{2}$ of the lemon slice.



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Name: _____

3.NF.2

DIVE INTO fractions

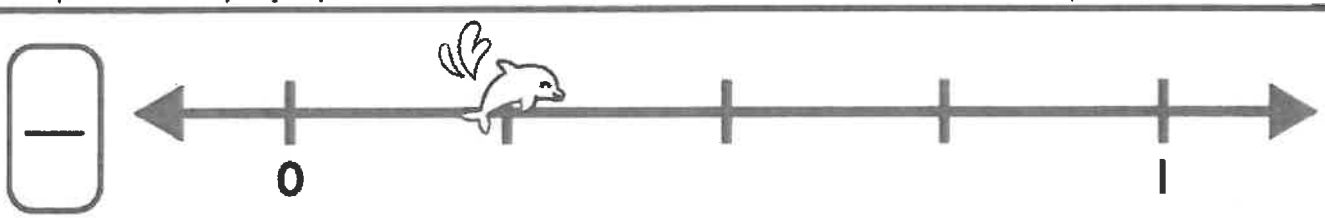
A dolphin swims from 0 to 1 and stops every ¼ mile. Label the number line to show each of the dolphin's stops.

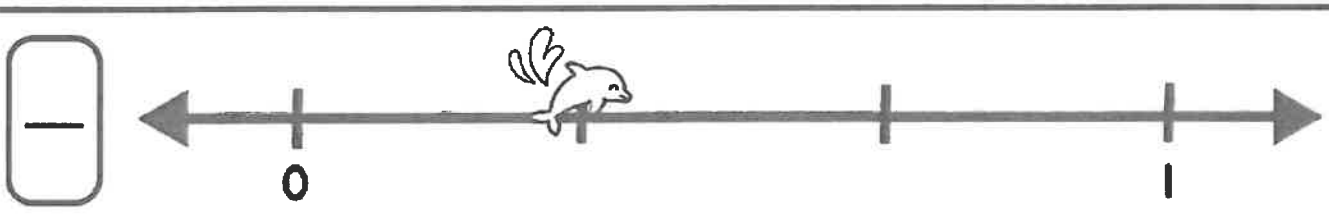


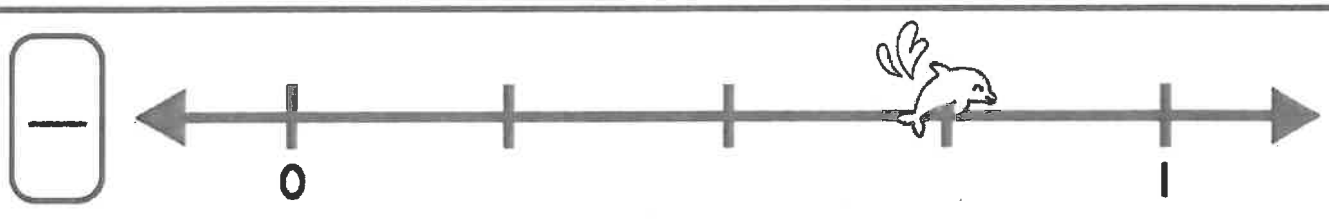
A dolphin makes 2 jumps. Each jump is 1/3 of a mile. Where is the dolphin now?
Label the number line and circle the correct fraction on the number line.

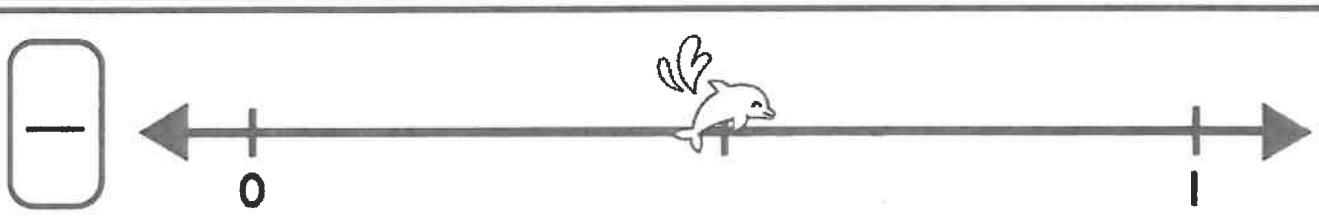


A dolphin made equal jumps. Label the number line and write the fraction where the dolphin landed.







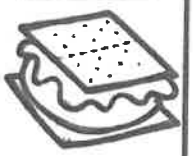


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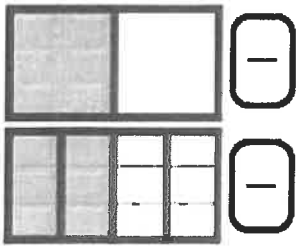
Name: _____

3.NF.3

s'more fraction fun



One chocolate bar is split into 2 equal parts and 1 part is shaded. Another chocolate bar is split into 4 equal parts and 2 parts are shaded. Write the fractions that are shaded.



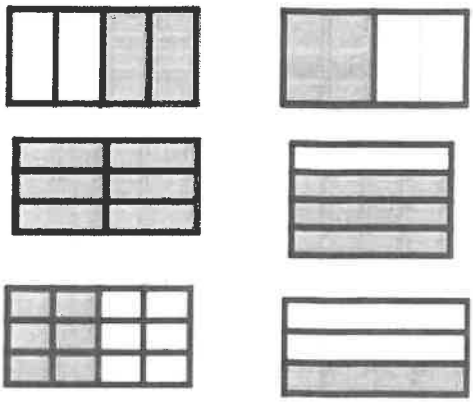
Are the shaded parts equivalent?

Two campers each have a different chocolate bar: **Camper A** has ½ of a bar. **Camper B** has ¼ of a bar. Do they have the same amount of chocolate?

Explain why or why not.



Circle all the chocolate bars that show an equivalent fraction of $\frac{3}{6}$.



Write >, < or = in the marshmallow to compare the fractions.

$\frac{5}{8}$ ▭ $\frac{5}{6}$

$\frac{2}{4}$ ▭ $\frac{3}{4}$

$\frac{1}{3}$ ▭ $\frac{1}{7}$

$\frac{6}{12}$ ▭ $\frac{3}{6}$

$\frac{3}{4}$ ▭ $\frac{6}{8}$

$\frac{4}{4}$ ▭ $\frac{4}{5}$

Two campers each ate part of a chocolate bar: **Camper A** ate **2/3** of their bar. **Camper B** ate **2/5** of their bar.

Who ate more?

How do you know?

Two campers each ate part of a chocolate bar: **Camper A** ate **1/6** of their bar. **Camper B** ate **1/5** of their bar.

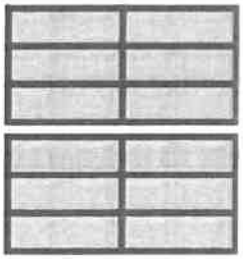
Who ate more?

How do you know?

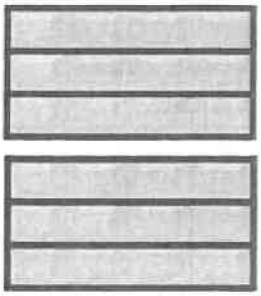


Write each fraction as a whole number.

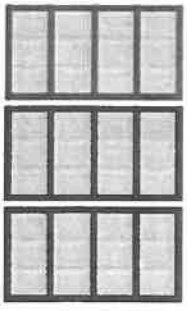
$\frac{12}{6}$ = ▭



$\frac{6}{3}$ = ▭



$\frac{12}{4}$ = ▭



Write the whole number as a fraction. Draw a picture of the fraction.

4 = ▭

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Name: _____

3.NBT.1

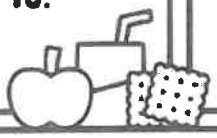
ROUND & ride



Round to the nearest 10 or the nearest 100.

You rode **47 minutes** before your first snack break.

Round to the nearest **10**:



You and your friends packed **386 glow sticks** for when it gets dark.

Round to the nearest **100**:

You saw **421 bikes** parked outside the smoothie stand this summer.

Round to the nearest **100**:



You've ridden **291 miles** total this summer.

Round to the nearest **100**:



You passed **62 fireflies** glowing in a field.

Round to the nearest **10**:

You stopped for **145 seconds** to watch the sunset.

Round to the nearest **10**:

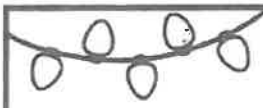
There were **89 dandelions** along the sidewalk path.

Round to the nearest **10**:

You carried **26 water bottles** in your backpack for the ride.

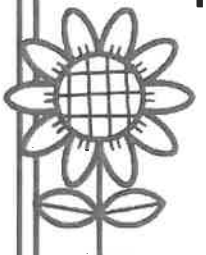
Round to the nearest **10**:





There were **237 tiny lights** decorating the bike trail fence.

Round to the nearest **100**:



The ride took you past **178 sunflowers** in a row.

Round to the nearest **100**:

Your crew packed **73 granola bars** to share.

Round to the nearest **10**:

You rode past a fence with **78 colorful pinwheels** spinning in the breeze.

Round to the nearest **10**:



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Name: _____ 3.NBT.2



3-DIGIT SCOOPS

Solve each equation.

345 + 128 = ___	512 - 198 = ___	206 + 387 = ___
470 - 320 = ___	603 - 478 = ___	259 + 172 = ___
430 - 205 = ___	504 + 396 = ___	800 - 367 = ___

Find the missing digit in each equation.

7 ◯ 5 + 187 = 961	653 - 4 ◯ 8 = 225	3 ◯ 9 + 482 = 801

Read each word problem and solve. Show your work!

There were **412 cones** stacked and ready to go. After a busy day, only **179 cones** were left. How many cones were used?

The ice cream shop sold **248 scoops** in the morning and **326 scoops** in the afternoon. How many scoops did they sell in total?

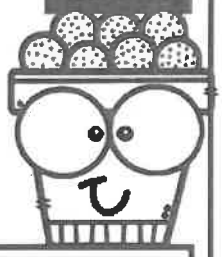
A delivery truck brought **385 gallons** of ice cream to the shop. The freezer could only hold **247 gallons**. How much ice cream didn't fit in the freezer?

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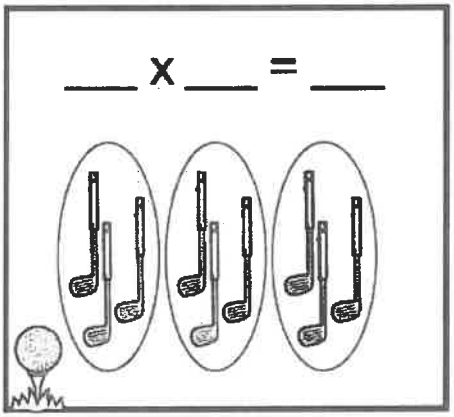
Name: _____

3.NBT.3

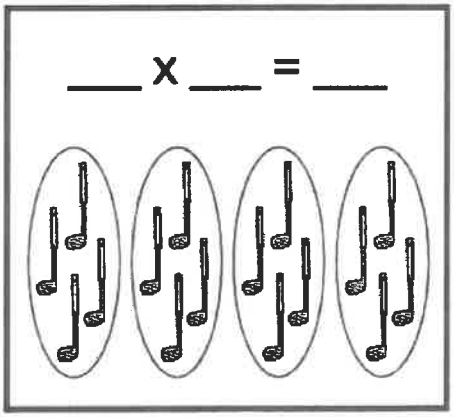
MiNi-GOLF multiples



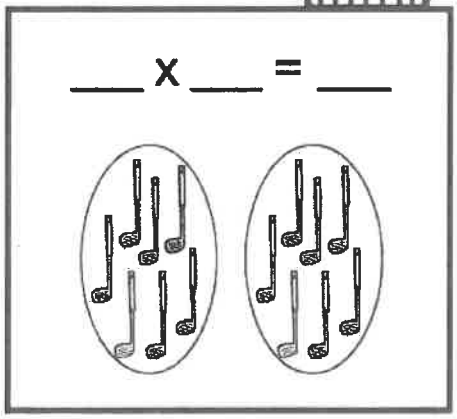
If each golf club represents 10, write the equation and solve.



___ x ___ = ___



___ x ___ = ___



___ x ___ = ___

You're on the mini-golf course – solve the equations below.

There are 3 buckets of golf balls. Each bucket holds **30 balls**. How many golf balls is that?

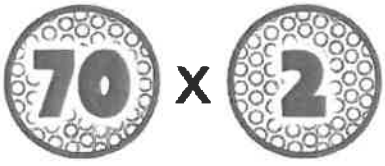
If you play **9 holes** and get **10 points** for each one, how many points do you earn?



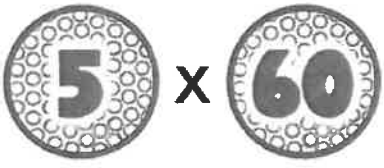
You scored **50 points** on each of **8 holes**. How many points did you score in all?



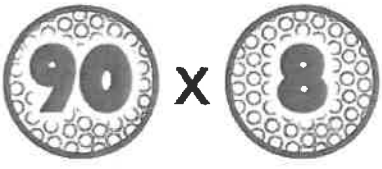












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