



2nd Grade

NTI Packet

Day 6

Name _____

Mammals: Animals with Hair

by Jill Lauren, Nancy Chapel Eberhardt



A whale is a mammal.
User 272447 on Pixabay.

There are so many different types of mammals. Dogs, cats, elephants, and even whales are mammals. You're a mammal, too! That's right, humans are mammals.

How are mammals alike? Mammals are living creatures that have a backbone, also known as a spine. They grow hair on their bodies, which we often call fur. Mammals can live in every habitat. But most mammals live on land, while some live in water.

Most mammals give birth to live babies. Mothers make milk to feed their babies. Young mammals learn how to survive from their parents.



Cats and dogs are both mammals.
Image by Free-Photos from Pixabay

Mammals use different ways to communicate, or talk, to each other. Dogs communicate by barking and wagging their tails. Some cats meow, others roar. Humans use language to talk.

Humans and other mammals share the same habitat. People often use the habitat of other mammals to build their homes. This can endanger the mammals because they won't have a place to live. When we protect the habitat of other mammals, they will have a home of their own, too.

Name: _____ Date: _____

1. What are some different types of mammals?

- A. dogs, elephants, and whales
- B. sharks, dolphins, and fish
- C. spiders, bees, and ants
- D. turkeys, ostriches, and octopuses

2. The author lists things that all mammals have in common. What body parts do mammals have in common?

- A. gills and fins
- B. a spine and hair
- C. scales and horns
- D. feathers and beaks

3. Parents are important to young mammals' survival.

What evidence from the passage supports this conclusion?

- A. "Young mammals learn how to survive from their parents."
- B. "But most mammals live on land, while some live in water."
- C. "Humans and other mammals share the same habitat."
- D. "Dogs communicate by barking and wagging their tails."

4. How can you know when a cat is trying to communicate with you?

- A. It will talk to you.
- B. It will bark or wag its tail.
- C. It will meow or roar.
- D. It will write a message.

5. What is the main idea of this passage?

- A. Humans sometimes build their homes in habitats where other mammals live.
- B. Dogs communicate by barking and wagging their tails, while humans communicate through language.
- C. Dogs, cats, elephants, whales and humans are all examples of mammals.
- D. Mammals have many things in common, such as having a backbone, growing hair, and giving birth to babies.

Name: _____

NTI Day 4

Daily Math Practice

B

011



Math Buzz

Complete the table.

Number of Triangles	1	2	3	4	5
Number of Sides	3	6			

Color the numbers that have a 1 in the tens place.

18	31	16
41	19	51
13	17	21

Solve.

Add 9 and 9. _____

Find the sum of 12 and 8. _____

Circle the number sentence that is true.

$$6 + 6 = 3 + 9$$

$$9 + 5 = 7 + 8$$

Count by ones.

34, 35, 36, _____, _____, _____, _____, _____



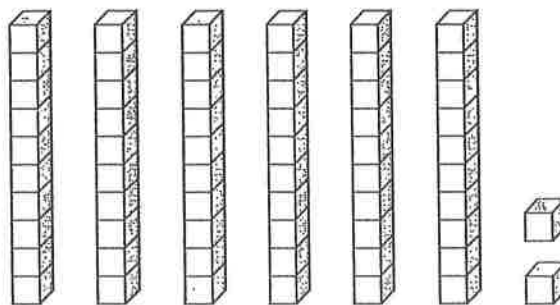
Math Buzz

Add.

	Tens	Ones
	3	1
+		7
<hr/>		

Circle the value of the underlined digit.

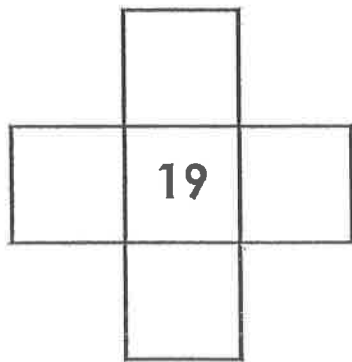
62



60

6

Write the numbers that are 1 more, 1 less, 10 more, and 10 less.

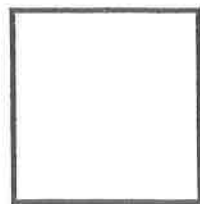


Find the total value of the coins.



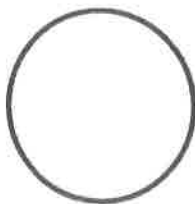
answer: _____ ¢

Write the number of sides and corners for each shape.



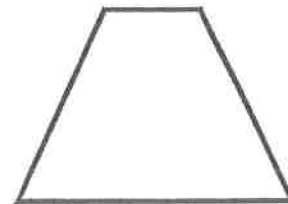
_____ sides

_____ corners



_____ sides

_____ corners



_____ sides

_____ corners



2nd Grade

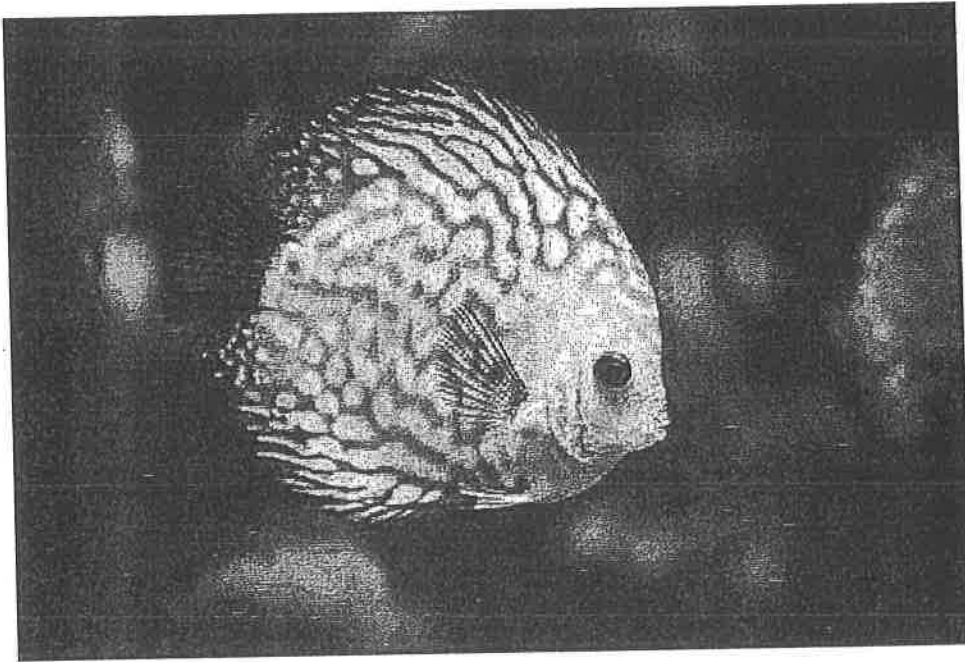
NTI Packet

Day 7

Name _____

Fish: Animals That Live Underwater

by ReadWorks



A fish swims underwater.
Image by Robert Balog from Pixabay

Fish are animals that spend their lives underwater. Fish have backbones. In fact, they are the biggest group of animals with backbones on Earth. Earth is covered mostly by water, so it makes sense that fish are the biggest group.

Fish do everything underwater. They lay eggs underwater. They also eat and sleep underwater. Fish do not sleep in the same way mammals sleep. Fish can't close their eyes because they don't have eyelids. When they sleep, they float around or find a place to hide while they rest.

Fish have scales that cover their skin. Scales are smooth and round. The scales help fish move easily through the water. Fish also use the fins on their body and their tails to swim and glide. Some fish travel in groups called schools.

Like other animals, fish need to breathe in oxygen. But fish do not have lungs. They have gills. They use these gills to breathe in the oxygen they need from water.

Sometimes people throw garbage, like plastic, into the water. This is pollution, which can hurt fish. Pollution has a bad impact on fish's habitats. To protect fish, humans can work together to clean up the water.

Name: _____ Date: _____

1. Where do fish live?

- A. on land
- B. in the sky
- C. underground
- D. underwater

2. The author contrasts how fish and mammals sleep. How do fish sleep differently than mammals?

- A. They wear pajamas.
- B. They rest on a rock.
- C. They keep their eyes open.
- D. They never sleep.

3. Fish's bodies are designed to move easily through the water.

What evidence from the passage supports this conclusion?

- A. "The scales help fish move easily through the water. Fish also use the fins on their body and their tails to swim and glide."
- B. "Like other animals, fish need to breathe in oxygen. But fish do not have lungs."
- C. "Sometimes people throw garbage, like plastic, into the water. This is **pollution**, which can hurt fish."
- D. "Earth is covered mostly by water, so it makes sense that fish are the biggest group."

4. What is one way that fish are similar to other animals?

- A. They live underwater.
- B. They have hair on their bodies.
- C. They lay eggs underwater.
- D. They need oxygen to survive.

5. What is the main idea of this text?

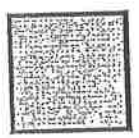
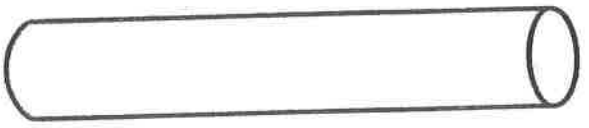
- A. Fish have scales that cover their skin.
- B. Fish's bodies are designed to live underwater.
- C. Fish get oxygen through their gills.
- D. Pollution, like plastic, can hurt fish.



Name: _____

Math Buzz

Estimate. About how many cubes long is the piece of chalk?



answer: _____ cubes

There were 24 children on the bus. 5 more got on at the next stop. How many children are on the bus now?

?	
24	5

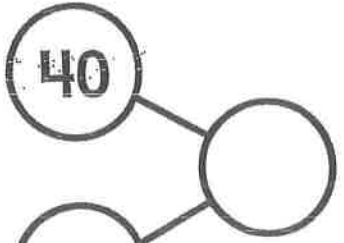
_____ + _____ = _____

answer: _____ children

Count back by ones.

56, 55, 54, _____, _____, _____, _____, _____, _____

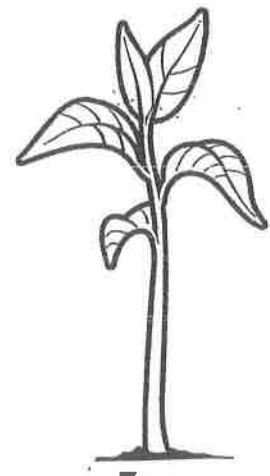
Complete the number bonds.



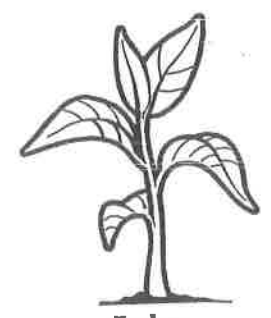
Circle the word that makes the sentence true.



Pax



Zoe



Isla

Isla's plant is **taller** / **shorter** than Pax's plant.

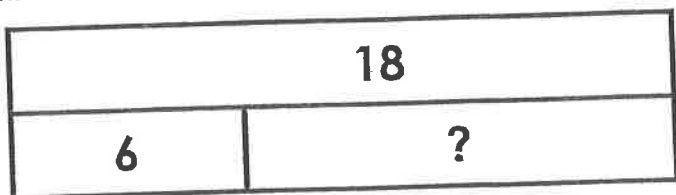
Zoe's plant is the **tallest** / **shortest**.



Name: _____

Math Buzz

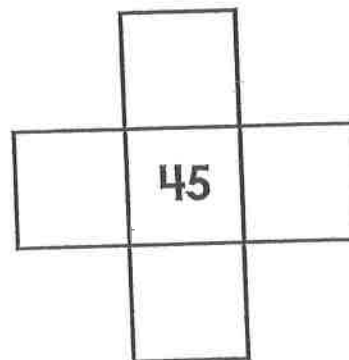
Mrs. Daly had 18 markers. She gave 6 markers to the first group. How many markers does she have now?



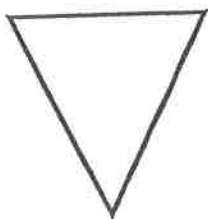
_____ - _____ = _____

answer: _____ markers

Write the numbers that are 1 more, 1 less, 10 more, and 10 less.



Write the number of sides and corners for each shape.



_____ sides

_____ corners



_____ sides

_____ corners



_____ sides

_____ corners

Circle the value of the underlined digit.

28

80

8

Add.

	Tens	Ones
	5	9
+		4



2nd Grade

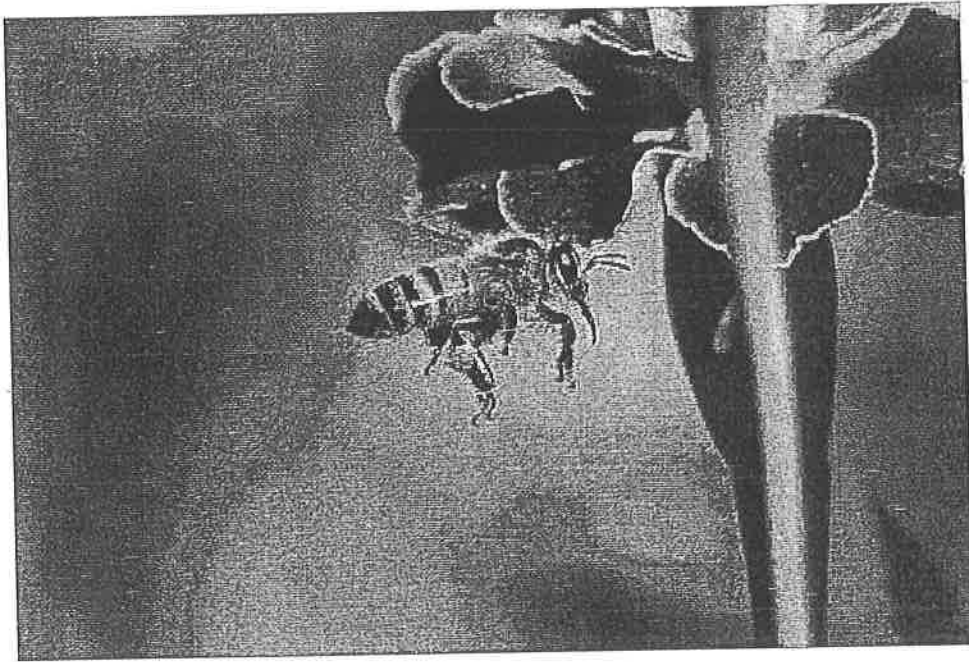
NTI Packet

Day 8

Name _____

Honeybees

by ReadWorks



Have you ever seen a honeybee? If so, you may have kept your distance. Many people are scared of their stingers! But honeybees are not scary pests. In fact, they are actually very important insects.

If you've seen a honeybee, think about where you saw it. You may have seen it by some flowers. Honeybees go from flower to flower. They collect nectar and pollen from the flowers for food. They can use this to make honey to eat. This is the honey that people eat, too!

But honeybees aren't just important because of the honey they make. They're important because of how they help plants. When they go from flower to flower, they move the pollen from flower to flower, too. This is called pollination. This is what lets plants grow new seeds! And those new seeds can grow into new plants. So without honeybees, a lot of plants couldn't exist. Apples, nuts, and berries are just some of the plants that

need honeybees to help them make new seeds. About 100 important crops in the U.S.A. depend on bees!

Many people are worried because a lot of honeybees have been dying. Some people think the chemicals used on farms may be hurting them. Honeybees are also being hurt by diseases that we don't understand well yet. But people are working to find ways to save the bees. How would you like to help the bees?

Name: _____ Date: _____

1. What do honeybees make that people eat?

- A. nectar
- B. pollen
- C. honey

2. The text describes how honeybees help plants by moving pollen from flower to flower. What does moving pollen do for plants?

- A. It helps plants make honey.
- B. It helps plants grow new seeds.
- C. It helps plants stop chemicals.

3. Read these sentences from the text.

They can use this to make honey to eat. This is the honey that people eat, too!

But honeybees aren't just important because of the honey they make. They're important because of how they help plants.

What can you conclude from these sentences?

- A. Honeybees are not very important.
- B. Honeybees are important to plants, but not to people.
- C. Honeybees are important to people and plants.

4. Read these sentences from the text.

Apples, nuts, and berries are just some of the plants that need honeybees to help them make new seeds. About 100 important crops in the U.S.A. depend on bees!

Many people are worried because a lot of honeybees have been dying.

Why might people be worried that there have been fewer honeybees?

- A. because fewer honeybees means fewer apples, nuts, and berries
- B. because fewer honeybees means more important crops in the U.S.A.
- C. because fewer honeybees means more apples, nuts, and berries

5. What is the main idea of this text?

- A. Honeybees collect nectar and pollen from flowers, and they can make honey that people eat.
- B. Honeybees are important for people and plants, but many honeybees have been dying.
- C. Honeybees have been dying because of some diseases and the chemicals used on farms.

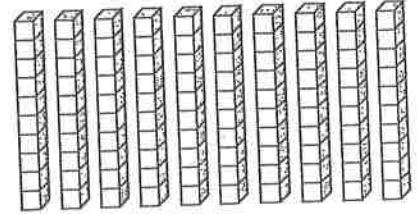
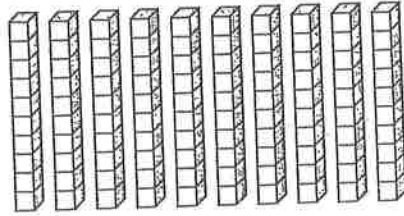
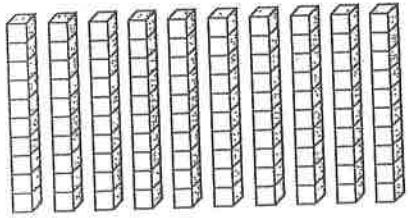
NTI Day



Name: _____

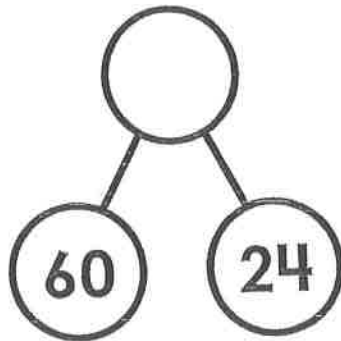
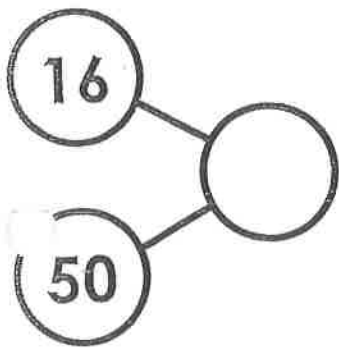
Math Buzz

Circle groups of 10.



_____ tens = _____ hundreds

Complete the number bonds.



Match the numbers that have the same value.

9 tens 7 ones

78 ones

7 tens 8 ones

89 ones

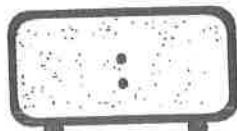
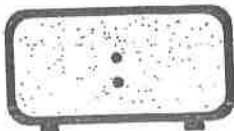
8 tens 9 ones

97 ones

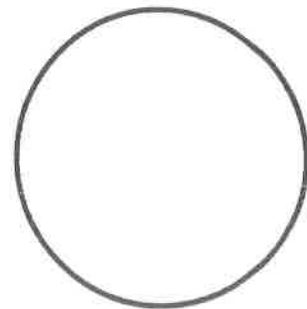
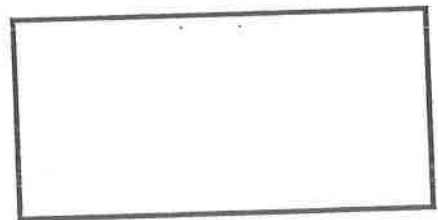
Fill in the times Levi started each activity.

had a snack

played outside



Draw a line to divide each shape into 2 equal parts.



What did Levi do at 3:00? _____

Name: _____

NTI Day 8

Daily Math Practice

B

016



Math Buzz

Solve.

Add 18 and 6. _____

Find the sum of 10 and 20. _____

Fill in the numbers that make the number sentences true.

$$8 + 8 = 10 + \underline{\hspace{2cm}}$$

$$20 - \underline{\hspace{2cm}} = 5 + 5$$

Count by ones.

58, _____, _____, _____, 62, _____, 64, _____, _____, _____

Complete the table.

Number of Groups	Number of Students
1	5
2	10
3	15
4	20
5	

Color the numbers that have a 5 in the ones place.

52	25	56
65	15	35
95	51	53



2nd Grade

NTI Packet

Day 9

Name _____

Smile!

Keep Your Teeth Healthy

Four tips for a brighter bite.

Smile! Healthy teeth make you look great and feel happy. *Munch. Crunch.* Without your "chompers," you would have trouble chewing food. Your teeth also help you speak and sing clearly. *Fa, la, la, la!* Now say the word *thanks*. Notice that you need your teeth to say the *th* sound.

Keeping your teeth in tip-top shape is important. Taking care of your teeth keeps plaque (PLAK) from building up. Plaque is a sticky film that can cause gum disease and cavities. A cavity is a hole in a tooth. Dentists recommend these helpful tips to remove plaque and keep your teeth healthy.

- 1 Brush twice a day with a soft-bristle toothbrush. Make sure you brush for two to three minutes. Hum a song or time yourself to make sure you brush long enough. Brushing your tongue will help freshen your breath. Replace your toothbrush every three months.
- 2 Floss gently once a day. Flossing cleans between your teeth. Don't forget to floss behind the last tooth in each row.
- 3 Visit a dentist twice a year. Your dentist will clean your teeth and make sure they are healthy.
- 4 Eat foods that are good for you. Those foods include fresh fruits, raw vegetables, and cheese.

Name: _____ Date: _____

1. What do teeth help people do?

2. By taking care of your teeth, what do you prevent?

3. According to the passage, what are some tips that dentists recommend to keep your teeth healthy?

4. What is this passage mostly about?

5. The question below is an incomplete sentence. Choose the word that best completes the sentence:

Removing plaque from your teeth is important _____ plaque causes gum disease and cavities.

- A. but
- B. because
- C. so

11/2/2019



Name: _____

Math Buzz

Add.

$$\begin{array}{r} 32 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ + 3 \\ \hline \end{array}$$

Circle the value of the underlined digit.

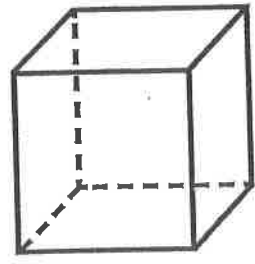
$$\begin{array}{r} 52 \\ \hline 20 \end{array}$$

2

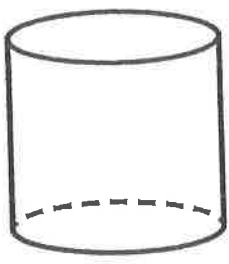
$$\begin{array}{r} 37 \\ \hline 30 \end{array}$$

3

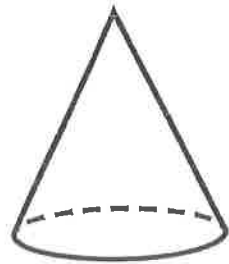
Circle the correct name for each shape.



cone cube sphere

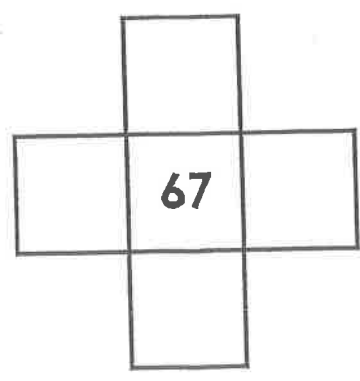


cube sphere cylinder

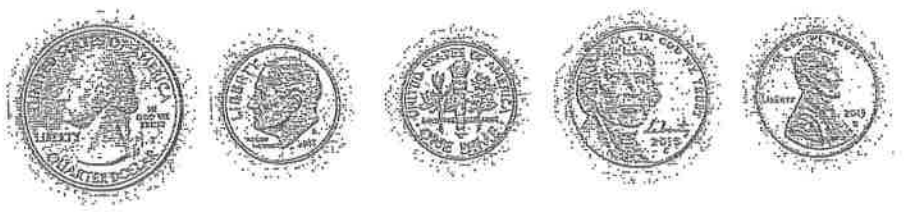


sphere cone cube

Write the numbers that are 1 more, 1 less, 10 more, and 10 less.



Find the total value of the coins.



answer: _____ ¢



Name: _____

Math Buzz

Fill in the missing numbers.

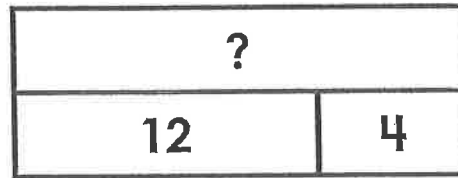
$$60 + \underline{\hspace{2cm}} = 80$$

$$90 - \underline{\hspace{2cm}} = 30$$

Count back by ones.

~~99, 98, 97,~~ _____, _____, _____,

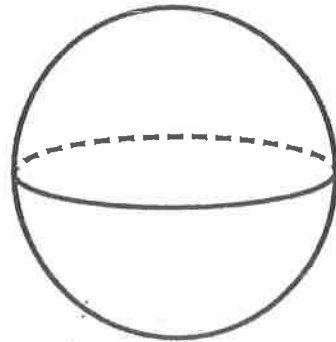
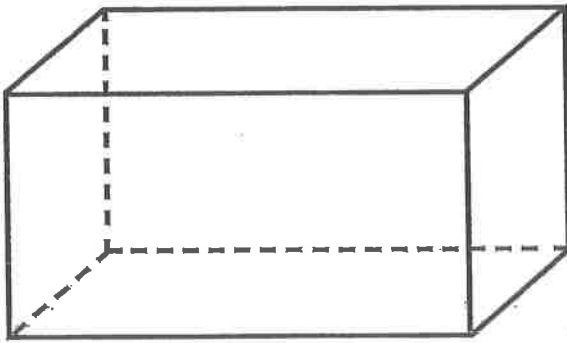
Marisol ran for 12 minutes. Then she walked for 4 minutes. How many minutes did Marisol exercise in all?



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

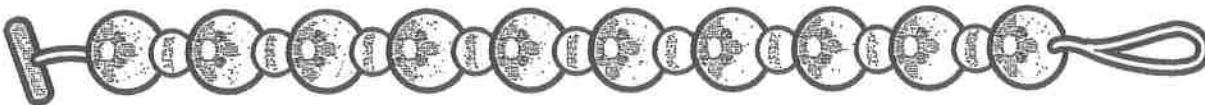
answer: _____ minutes

Circle the correct name for each shape.



cube rectangular prism cone cube cylinder sphere

Estimate. About how many paper clips long is the bracelet?



answer: _____ paper clips

A decorative border made of a repeating pattern of small, stylized floral or scroll-like motifs, framing the entire page.

2nd Grade

NTI Packet

Day 10

Name _____

A Fawn in the Forest



White-tailed deer live
in forests.
Photos.com

Most white-tailed deer live in forests. Fawns are born in forests during the springtime. A fawn is a baby deer.

A Baby Deer Grows Up

Follow the first few months of a fawn's life.

Springtime Babies

White-tailed deer live in wooded areas such as forests. Mother deer give birth to one to three fawns in the spring. Many deer stay in the same area during most of their lives.

Hidden from View

Mother deer leave their fawns to look for food. The fawn stays very still in a hidden spot. Fawns have white spots for camouflage. That helps the fawn hide.

Forest Family

Later, the mother deer returns to feed her baby. She licks its fur to keep it clean. Then the mother deer takes the fawn to a new spot while she looks for more food.



The fawn stays very still while its mother goes to look for food.
U.S. Fish and Wildlife Service

Forest Adventures

Eventually, the fawn goes with its mother to look for food such as grass and leaves. The fawn learns about the forest and meets other animals too!

Forest Friends

Spring is a wonderful time in the forest! Many forest animals are born in the spring.

Cardinals

Mother cardinals lay their eggs in a nest. After about 12 days, the eggs hatch. The baby birds eat insects and worms.



Raccoons learn to find food when they are still little.
Photos.com

Raccoons

Mother raccoons make their dens in a tree. Raccoons learn to find food when they are still little.

Squirrels

Mother squirrels make their nests in trees. Baby squirrels drink their mother's milk. When they are older, they will eat nuts.

Name: _____ Date: _____

1. When does a mother white-tailed deer give birth to its fawns?

2. The text describes the first few months of a fawn's life. According to the text, why does a mother deer leave the fawn?

3. Based on the text, what is one difference between cardinals and squirrels?

4. What is this passage mostly about?

5. The question below is an incomplete sentence. Choose the word that best completes the sentence.

A mother deer licks her baby's fur _____ the baby stays clean.

- A. but
- B. because
- C. so



Name: _____

Math Buzz

Circle the words that make the sentences true.

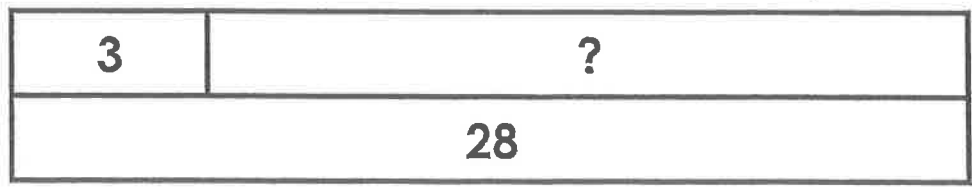


The blue pencil is **shorter** / **longer** than the yellow pencil.

The yellow pencil is **shorter** / **longer** than the green pencil.

<p>Add.</p> $\begin{array}{r} 64 \\ + 8 \\ \hline \end{array}$	<p>Circle the value of the underlined digit.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> $\begin{array}{r} 16 \\ \hline 10 \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 53 \\ \hline 30 \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 1 \\ 3 \end{array}$ </div> </div>	<p>Write the numbers that are 1 more, 1 less, 10 more, and 10 less.</p> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td style="width: 40px; height: 40px;"></td><td style="width: 40px; height: 40px;"></td></tr> <tr><td style="width: 40px; height: 40px;"></td><td style="width: 40px; height: 40px; text-align: center;">82</td><td style="width: 40px; height: 40px;"></td></tr> <tr><td style="width: 40px; height: 40px;"></td><td style="width: 40px; height: 40px;"></td><td style="width: 40px; height: 40px;"></td></tr> </table> </div>				82				
	82									

Eddie brought 28 cupcakes to share for his birthday. He passed them out, and there were 3 left. How many cupcakes did Eddie pass out?



_____ - _____ = _____

answer: _____ cupcakes



Name: _____

Math Buzz

Add.

$21 + 70 = \underline{\quad\quad}$ $\underline{\quad\quad} = 48 + 20$ $53 + 30 = \underline{\quad\quad}$

Fill in the missing numbers.

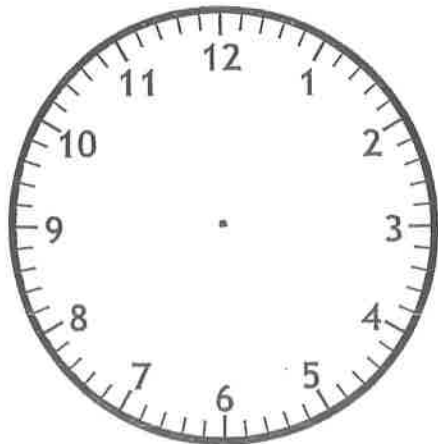
4 tens 5 ones = ones

 tens ones = 68 ones

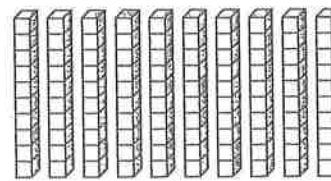
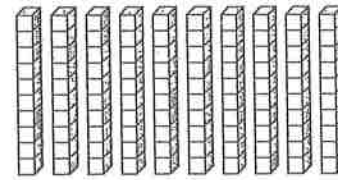
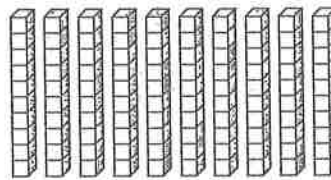
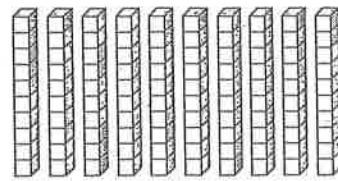
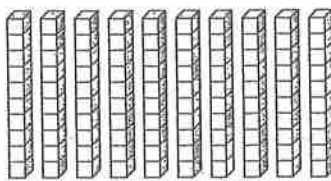
Read the schedule.

Zoo Schedule	
Gorilla Feeding	9:30
Sea Lion Training	10:00
Reptile Show	12:30
Bird Talk	1:00

Draw hands on the clock to show what time the reptile show starts.



Circle groups of 10.



 tens = hundreds

Draw lines to divide each shape into four equal parts.

