



HI•FIVE

CULTURAL CURRICULUM

Powered by The Mind Trust

Kindergarten Readiness

SECTION 2

Numeracy Foundation

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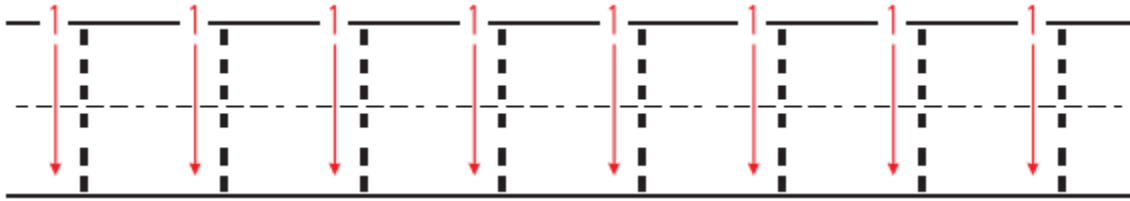
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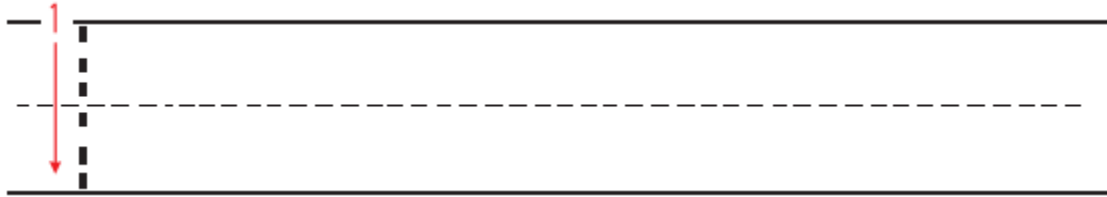
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One

Trace the number 1



Now it is your turn. Write the number 1



How many flask beakers do you see?

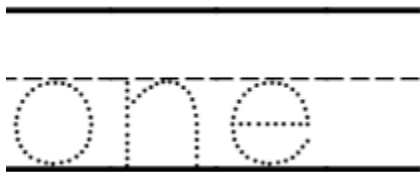


Your answer: _____

Learning about STEM.

Flask beakers are used by scientists to mix chemicals and carry them from one place to another.

Trace the word one.



Listen to the short story and write down the number of times you hear “flask beaker”.

In a magical laboratory nestled deep in the forest, Professor Pippin, a kind-hearted scientist, embarked on a quest to create the most extraordinary potion. Stirring his cauldron with a wooden spoon, he realized he needed a special **flask beaker** to hold his mystical concoction. Searching through his shelves, he found it, gleaming in the dim light.

With a gentle pour, the blue liquid filled the glass container,, and bubbles danced atop its surface. Suddenly, the door flung open, and in burst a troupe of curious creatures – a hopping rabbit, a scampering squirrel, and a chirping bird.

"Hello, Professor Pippin!" they chimed in unison.

"Would you like to help me with my potion?" the professor asked, his eyes twinkling with excitement.

The animals nodded eagerly, each offering their unique touch to the potion. With a final flourish, they added the last ingredient. A dazzling flash of light and a puff of smoke filled the room. The potion was complete!

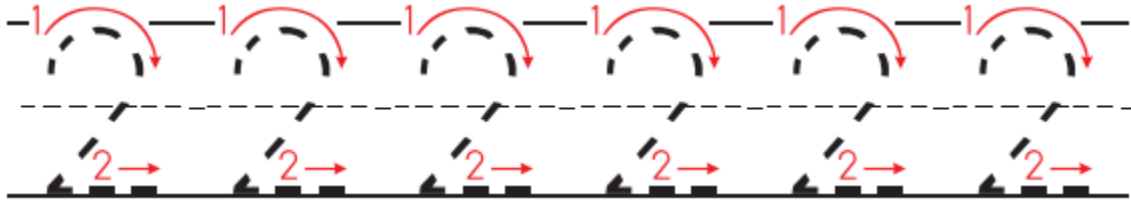
"Thank you, friends," Professor Pippin beamed. From that day on, they shared many enchanting adventures in the laboratory, their bond stronger than any magic potion could ever create.

Your answer: _____

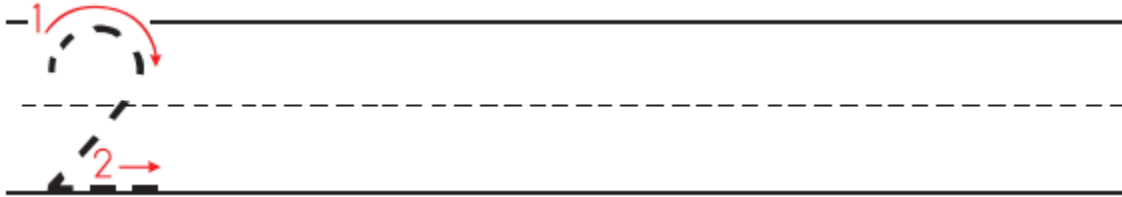


Two

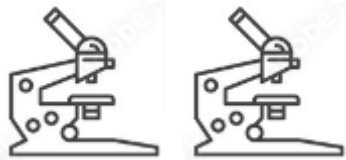
Trace the number 2



Now it is your turn. Write the number 2



How many microscopes do you see?



Your answer: _____

Learning about STEM.

Microscopes are used by scientists to help them see very tiny living things like germs, cells, and bugs.

Trace the word two.



Listen to the short story and write down the number of times you hear “microscope”.

Once upon a sunny day, Thomas and his classmates went on a special trip to the park. They were going to explore and learn about nature! As they wandered through the trees, Thomas spotted something interesting hiding in the grass.

"Look! What's that?" Thomas exclaimed, pointing excitedly. Miss Williams smiled. "Let's take a closer look with our trusty **microscope!**"

With the help of Miss Williams, they carefully examined the tiny bug through the **microscope**. Thomas' eyes widened in wonder as he saw the bug's tiny legs and shiny wings. "Wow! Bugs are amazing!" Thomas said with a grin.

Later, as they walked along a path, Thomas found a colorful rock. "Can we use it again, Miss Williams?" he asked eagerly.

Miss Williams nodded, and they took turns looking at the rock's sparkling crystals. Thomas was amazed at how different the rock looked up close. "Nature is full of surprises," Miss Williams said, smiling at Thomas' excitement. With their adventures over for the day, Thomas and his classmates continued their nature exploration, filled with wonder and curiosity.

Your answer: _____

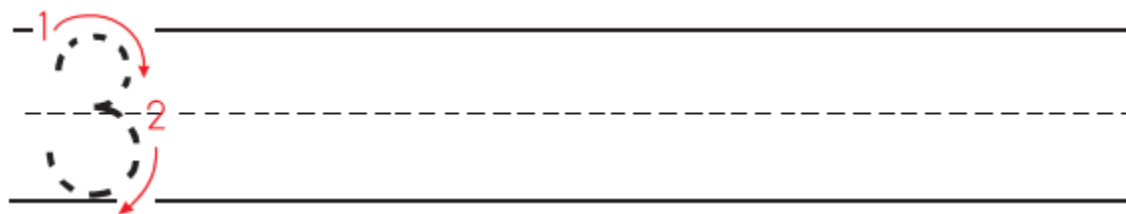


Three

Trace the number 3



Now it is your turn. Write the number 3



How many calculators do you see?



Your answer: _____

Learning about STEM.

Calculators are used by mathematicians and engineers to find the answers to very hard and challenging math problems.

Trace the word three.



Listen to the short story and write down the number of times you hear “calculator”.

In a kindergarten classroom, there was a little girl named Zoe who loved numbers. She enjoyed counting everything, from the colorful blocks to the shiny stars in the sky. One day, her teacher, Mrs. Marshall, introduced a special tool to help with math.

"Today, we're going to learn about a magical helper called a **calculator**!" said Mrs. Marshall.

Zoe's eyes widened with excitement. She couldn't wait to see what it could do! With Mrs. Marshall's guidance, Zoe pressed buttons on the **calculator** to solve math problems. "Wow, this is amazing!" exclaimed Zoe.

After class, Zoe showed her family the **calculator**. They had fun playing math games together, adding and subtracting numbers.

The next day, during a math activity, Zoe used her new tool to solve tricky problems. Mrs. Marshall smiled at her cleverness.

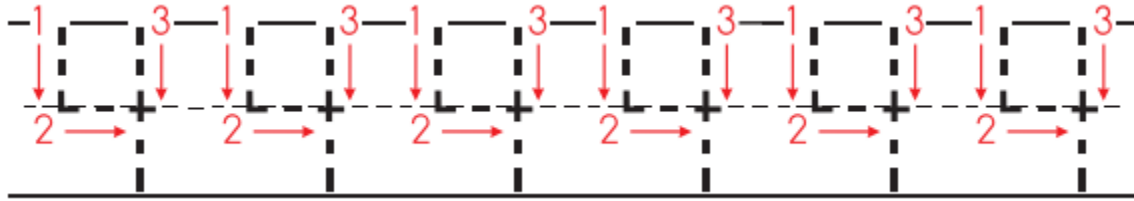
From then on, Zoe and her friends discovered that with the help of their special tool, they could solve any challenging math puzzle that came their way.

Your answer: _____

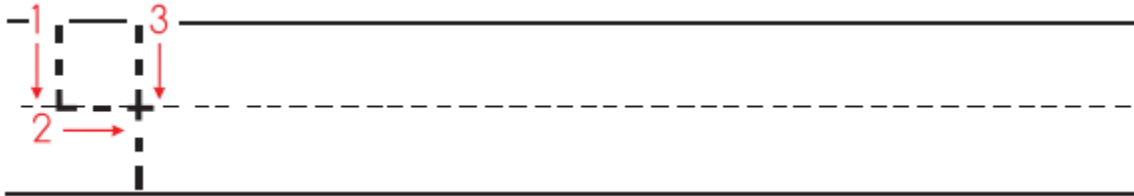


Four

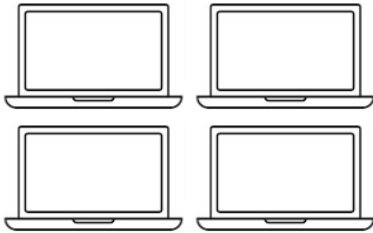
Trace the number 4



Now it is your turn. Write the number 4



How many computers do you see?

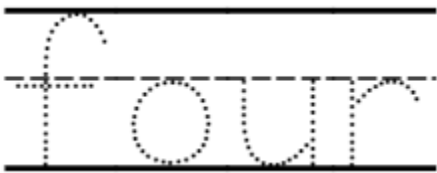


Your answer: _____

Learning about STEM.

Computers are used by engineers, scientists and mathematicians to research information, store data, and perform certain tasks.

Trace the word four.



Listen to the short story and write down the number of times you hear “computer”.

In a kindergarten classroom buzzing with excitement, children eagerly awaited a special surprise from their teacher, Mrs. Rodriguez. As the sun peeked through the windows, Mrs. Rodriguez revealed a marvelous machine with buttons and a screen.

"Today, we're going to explore something wonderful called a **computer**!" she announced cheerfully.

The children gathered around, eyes wide with wonder, as Mrs. Rodriguez demonstrated how to use the **computer**. With her guidance, they clicked and tapped, discovering colorful pictures and fun games. "This is so cool!" exclaimed Erin, giggling with delight.

After their **computer** lesson, the children couldn't wait to share their discoveries with their families. They chatted animatedly about the marvelous machine's magical abilities, eager to show what they had learned.

The next day, during **computer** time, the children used the machine to draw pictures and practice their letters. Mrs. Rodriguez beamed with pride as she watched them navigate the computer with confidence.

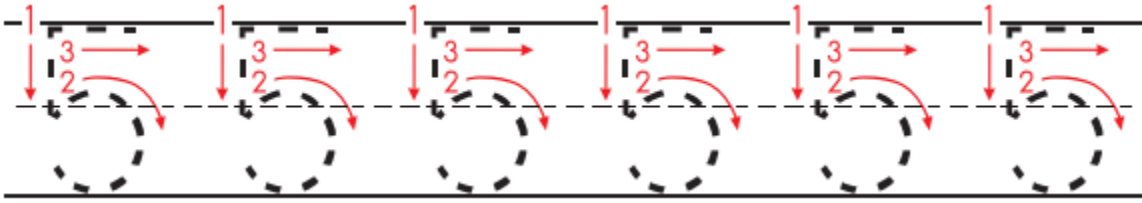
With each click and tap, they embarked on new adventures of learning and discovery, guided by the magic of this amazing tool.

Your answer: _____

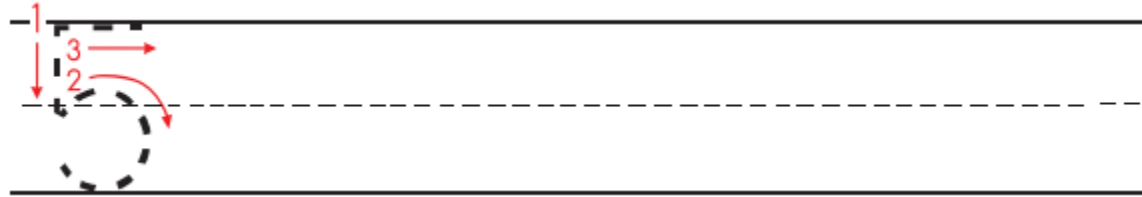


Five

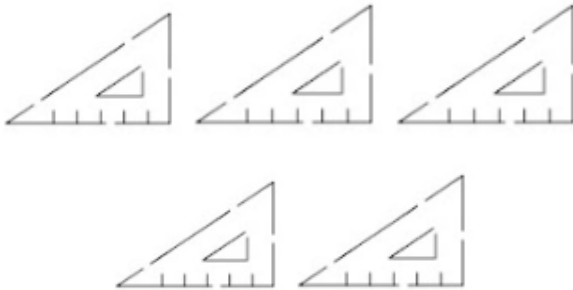
Trace the number 5



Now it is your turn. Write the number 5



How many triangular rulers do you see?

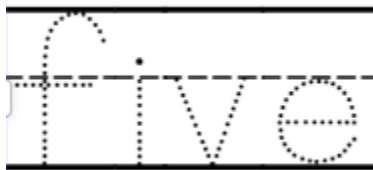


Your answer: _____

Learning about STEM.

Engineers use triangular rulers to accurately measure things before they are built.

Trace the word five.



Listen to the short story and write down the number of times you hear “triangular rulers”.

"Today, we're going to learn about engineering and how to use these special **triangular rulers!**" said Mr. Smith.

The children gathered around Mr. Smith as he showed them how to use the **triangular rulers** to measure and draw straight lines. "Wow, these are so cool!" exclaimed Tiffany, holding one in her hand.

After learning about engineering, the children worked together on a fun project. Using the **triangular rulers**, they built tall towers and strong bridges with colorful blocks. "Look at what we made!" shouted Lee, proudly pointing to their creation.

The next day, during playtime, the children used the **triangular rulers** to build even more amazing structures. They made houses, cars, and even a spaceship! Mr. Smith smiled as he watched their creativity soar.

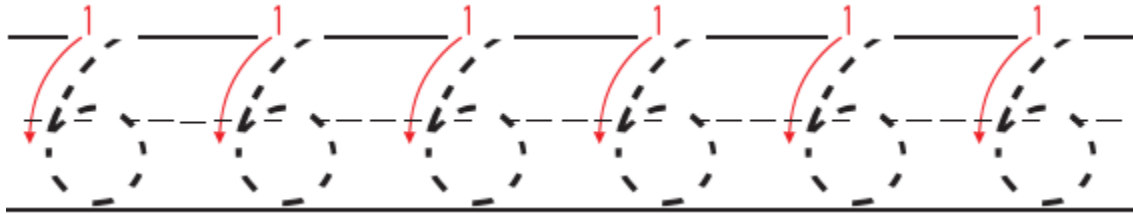
From then on, the children loved using the **triangular rulers** to engineer new inventions. With each project, they learned more about building and teamwork, making their classroom a place of endless discovery and fun.

Your answer: _____

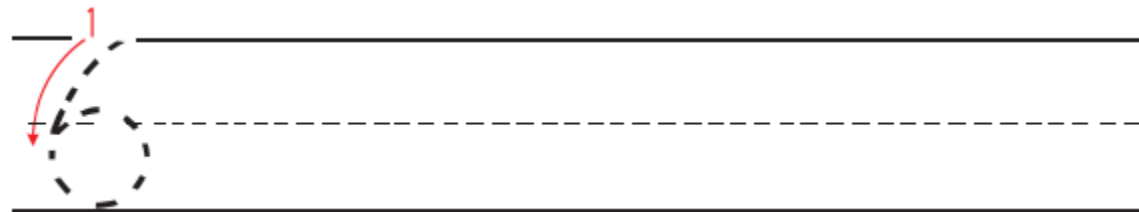


Six

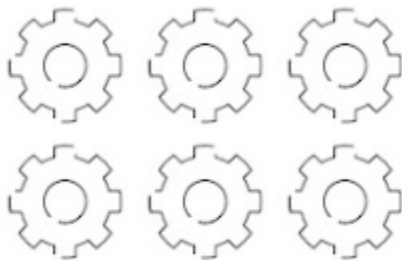
Trace the number 6



Now it is your turn. Write the number 6



How many gears do you see?

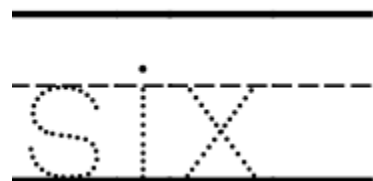


Your answer: _____

Learning about STEM.

Engineers use gears to help machines work smoothly by transferring power and controlling speed.

Trace the word six.



Listen to the short story and write down the number of times you hear the number “gear”.

In the busy workshop, there were many colorful toys waiting to be built. Thomas loved building things with his toy blocks. One day, his dad showed him a special tool called a **gear**.

"Thomas, **gears** are important in engineering because they help machines move and work!" said Dad.

Thomas' eyes widened with wonder as he watched the **gears** spin. He saw how they made things go fast or slow, just like magic! With Dad's help, Thomas built a toy car with **gears** inside. When he turned the wheel, the gears made the car move forward.

"Wow, **gears** are amazing!" exclaimed Thomas, giggling with joy.

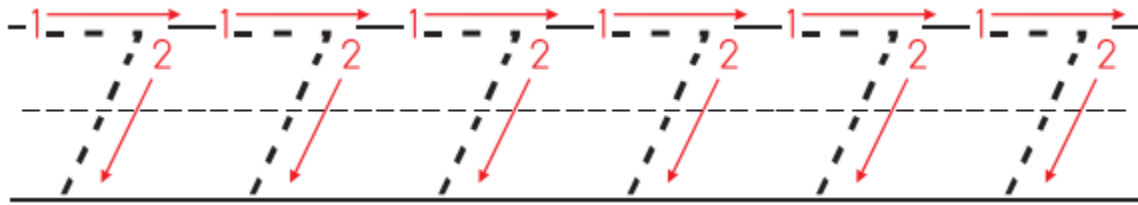
From then on, Thomas loved learning about **gears** and engineering. He used them to build all sorts of fun toys, like robots and trains. Thomas discovered new ways to make his creations come to life.

Your answer: _____

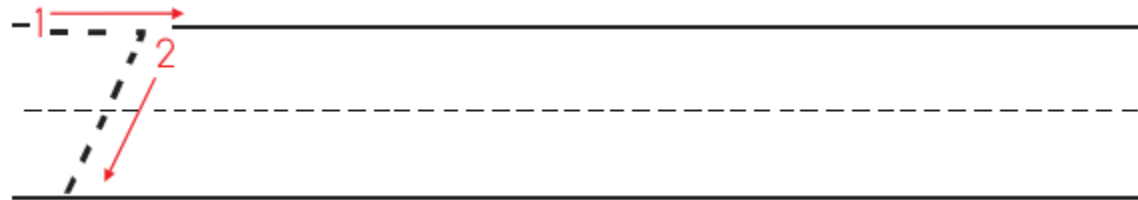


Seven

Trace the number 7



Now it is your turn. Write the number 7



How many laboratory goggles do you see?



Your answer: _____

Learning about STEM.

Laboratory goggles are used by scientists and engineers to protect their eyes from chemicals and debris.

Trace the word seven.



Listen to the short story and write down the number of times you hear “laboratory goggles”.

In the bright laboratory, there were many curious children ready to explore. Sarah and her friends loved to pretend they were scientists, wearing their special **laboratory goggles**. They dreamed of inventing amazing things like robots and rockets.

One day, their teacher, Mr. Brown, brought out a box of colorful blocks. "Today, we're going to build our own inventions and for your safety you will need to wear your **laboratory goggles**," he said with a smile.

With their **laboratory goggles** on, Sarah and her friends got to work. They built tall towers and fast cars, imagining they were engineers creating marvels. "This is so much fun!" exclaimed Emmanuel as he stacked the blocks high with his **laboratory goggles** secured on his face.

As they worked, Sarah's **laboratory goggles** slipped off her nose. "Oops!" she giggled, putting them back on. She loved wearing her **laboratory goggles**. They made her feel like a real scientist, ready to explore the wonders of the world.

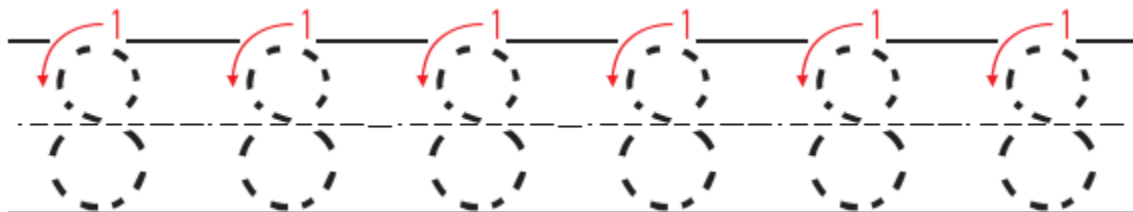
After a busy day of building, Sarah and her friends admired their creations. With their **laboratory goggles** shining bright, they knew they could invent anything they imagined.

Your answer: _____

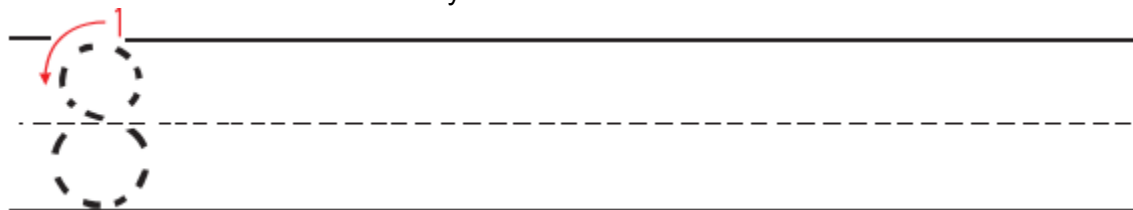


Eight

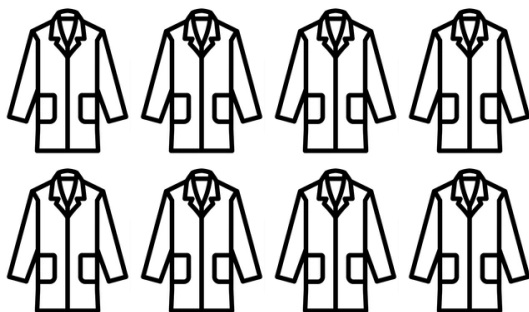
Trace the number 8



Now it is your turn. Write the number 8



How many lab coats do you see?

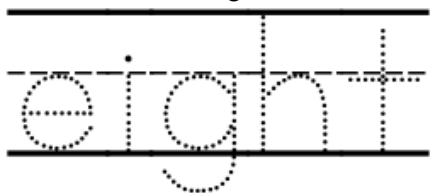


Your answer: _____

Learning about STEM.

Scientists use lab coats to protect them from harmful spills and chemicals.

Trace the word eight.



Listen to the short story and write down the number of times you hear “lab coat”.

In the science room was a row of bright white **lab coats** hanging, ready to be worn by eager children ready to learn. Lily and her friends loved to wear their special **lab coats** whenever they had science class. They felt just like real scientists exploring the mysteries of the world.

One day, their teacher, Miss Emily, brought out a big box of shiny tools and gadgets. "Today, we're going to do some exciting experiments that will require you to wear a **lab coat**!" she announced with a smile.

Lily and her friends put on their **lab coats** and eagerly gathered around. They mixed colors, made bubbles, and even watched as a volcano erupted! "Wow, this is so cool!" exclaimed Timmy as he watched the lava flow with his hands parked in his **lab coat**.

As they worked, Lily's **lab coat** got a little messy. "Oops!" she giggled, wiping off the spills. She loved wearing her **lab coat**. It made her feel like a real scientist, ready to discover new things every day.

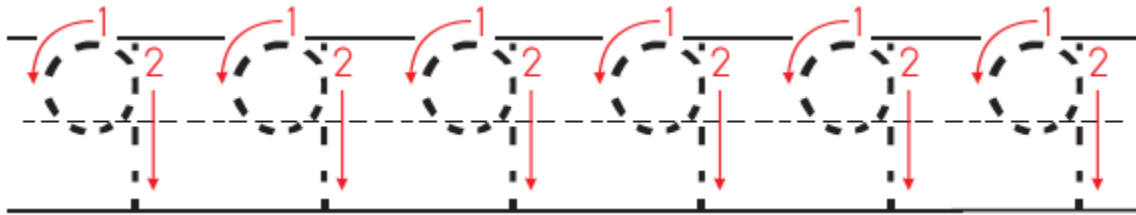
After a fun day of experiments, Lily and her friends knew they wanted to be scientists when they grew up. With their **lab coats** on, they knew they could do anything they dreamed of.

Your answer: _____

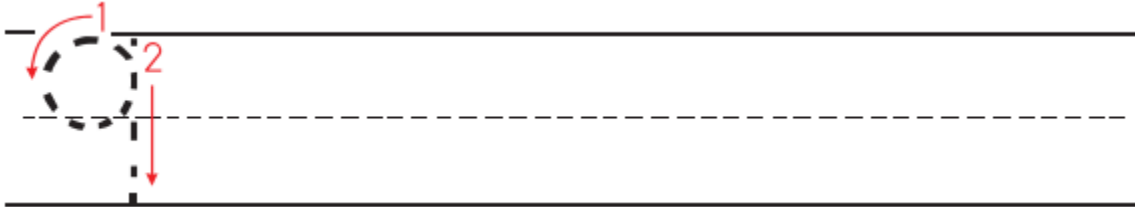


Nine

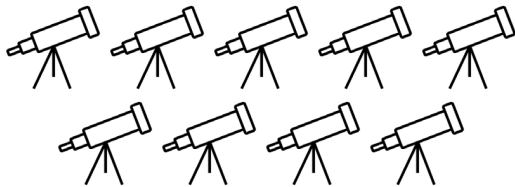
Trace the number 9



Now it is your turn. Write the number 9



How many telescopes do you see?



Your answer: _____

Learning about STEM.

Astronomers use telescopes to see far away planets, stars and objects.

Trace the word nine.



Listen to the short story and write down the number of times you hear “telescope(s)”.

In the backyard, there were many twinkling stars. Sheila and her friends loved to pretend they were astronomers, using their special **telescopes**. They dreamed of discovering new planets and galaxies far, far away as their **telescopes** would allow them.

One day, their teacher, Miss Emory, brought out a big **telescope**. "Today, we're going to learn about stars and planets!" she said with a smile.

With their **telescopes** in hand, Sheila and her friends eagerly gathered around Miss Emory. They looked up at the sky and saw twinkling stars and a bright, round moon. "Wow, this is amazing!" exclaimed Timmy as he gazed through the big **telescope**.

As they looked through the big **telescope**, Sheila's friends saw a shooting star streak across the sky. "Look, it's a shooting star!" they shouted with excitement, while holding tightly to their telescopes.

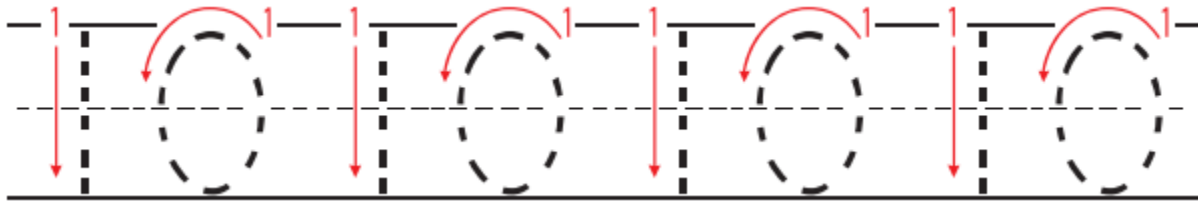
After a fun day of stargazing with the big **telescope**, Sheila and her friends knew they wanted to be astronomers when they grew up. With their **telescopes** in hand, they knew they could explore the wonders of the universe and reach for the stars.

Your answer: _____

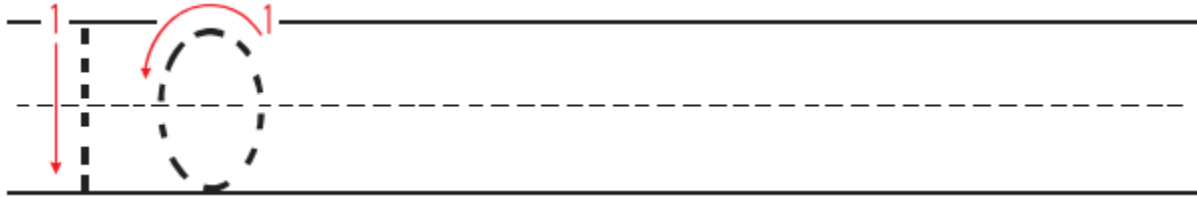


Ten

Trace the number 10



Now it is your turn. Write the number 10



How many stethoscopes do you see?

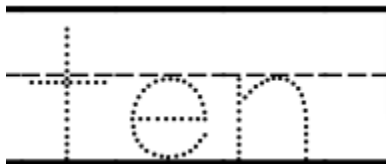


Your answer: _____

Learning about STEM.

Doctors and nurses use stethoscopes to listen to a patient's heart and lungs.

Trace the word ten.



Listen to the short story and write down the number of times you hear "stethoscope(s)".

A group of students went on a field trip to visit the local hospital. Upon arrival, they saw many kind doctors and nurses all wearing their shiny **stethoscopes** ready to help. Lamont and his friends loved to play doctor and nurse, using their special **stethoscopes**. They dreamed of helping people feel better when they were sick.

Their teacher, who was wearing a **stethoscope** also, began discussing careers in medicine with his students. He brought out a box of colorful **stethoscopes** and gave one to each student. "Today, we're going to learn about being doctors and nurses!" he said with a smile.

With their **stethoscopes** around their necks, Lamont and his friends got to work. They listened to each other's hearts and pretended to check for any problems. "Your heart sounds strong and healthy!" said Lamont as he listened with his **stethoscope**.

As they worked, Lamont's **stethoscope** slipped off his ears. "Oops!" he chuckled, putting it back on. He enjoyed wearing his **stethoscope**. It made him feel like a real doctor, ready to help anyone in need.

After a busy day at the local hospital, Lamont and his friends appreciated their experience of learning how to use a **stethoscope**. With their **stethoscopes** in hand, they knew they could make a difference and help people feel better.

Your answer: _____


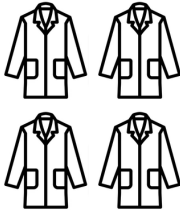
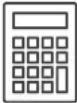
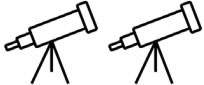

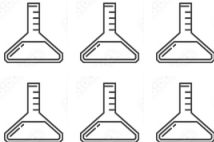
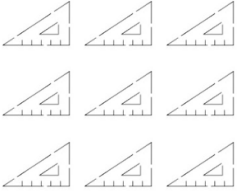
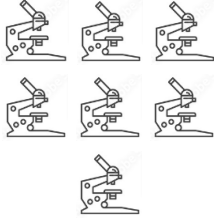
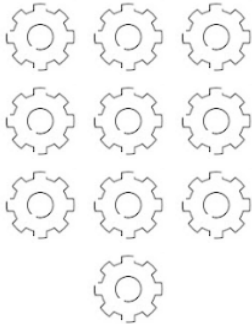
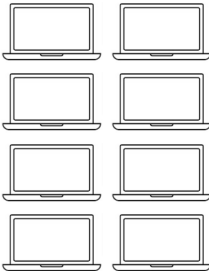




HI•FIVE PRACTICE



Count the pictures in each section and write the number of pictures.

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HI•FIVE CHALLENGE


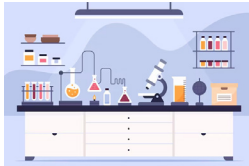


Write the number that matches each word below.

Ten <input type="text"/>	Two <input type="text"/>	Five <input type="text"/>	Seven <input type="text"/>	Three <input type="text"/>
Eight <input type="text"/>	Nine <input type="text"/>	One <input type="text"/>	Four <input type="text"/>	Six <input type="text"/>



BONUS CHALLENGE: Can you help Roberto get to his science lab? Draw a path from Roberto to the science lab by counting from 1 to 20 and tracing the numbers.

		1	2	8	9
		7	3	4	5
3	5	11	10	9	6
14	13	12	6	8	7
15	6	19	20		
16	17	18	2		

