

4th Grade

Day 9

Multi-Step Addition and Multiplication Problems

Solve each multi-step problem by adding first and then multiplying.

- 1) Callie the Clam was selling her pearls at the undersea market. She sold four white pearls and three black pearls. If each pearl costs three dollars, how much money did she earn?

$$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$$

dollars

- 2) Loni the Lobster was playing a game where he found six treasures in the first ten minutes and three treasures in the next ten minutes. If he gets four points for each treasure he finds, how many points has he earned in twenty minutes?

points

- 3) At the Deep Sea Restaurant a group with three sharks and four dolphins came in to eat. If each meal cost four clams, how much was the bill?

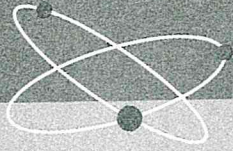
clams

- 4) Eddie the Eel was working at a Sunken Ship Mart. On Monday he worked four hours and on Tuesday he worked five hours. If he made six dollars an hour, how much money did Eddie make in those two days?

dollars

- 5) Sally the Seahorse was organizing her shelves. She had five shelves of pink seashells and three shelves of orange seashells. How many seashells did she have if each shelf had exactly five seashells on it?

seashells



Double Digit!

Find the product.

$$\begin{array}{r} 14 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ \times 1 \\ \hline \end{array}$$

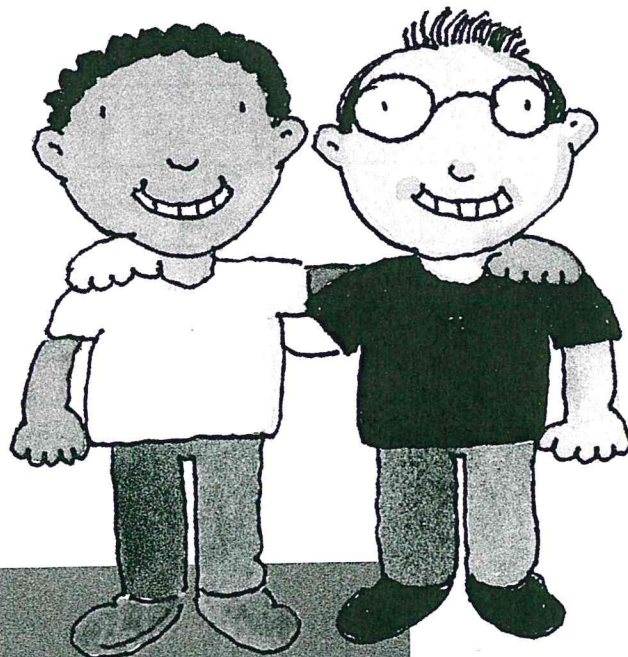
$$\begin{array}{r} 44 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ \times 9 \\ \hline \end{array}$$

**Multiplication
and Division**

Two-digit
multiplication



Brain Box

This is how to multiply
2-digit numbers.

Step 1. Multiply
the ones.

Step 2. Multiply
the tens.

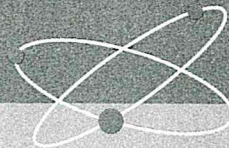
4 × 1

14 × 3

Regroup It!

Find the **product**. Show your work.

195



$$\begin{array}{r} 52 \\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 82 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ \times 7 \\ \hline \end{array}$$

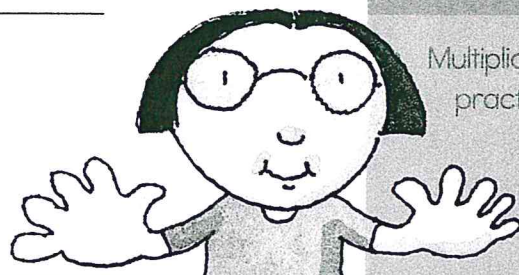
$$\begin{array}{r} 94 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ \times 5 \\ \hline \end{array}$$

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

**Multiplication
and Division**

Multiplication
practice



Brain Box

Sometimes, when you multiply the ones in a two-digit number, you have to regroup.

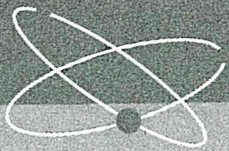
Step 1: Multiply the ones. Since the product is greater than 9, carry the 4 to the tens column.

Step 2: Multiply the tens. Then add the number you carried to the product.

Example: 10×3

$3 \times 0 = 0$

$3 \times 10 = 30$



Which Operation?

Solve each word problem using **addition**, **subtraction**, **multiplication**, or **division**. First write which operation you are going to use in the long yellow box. Then solve the problem and write your answer in the white box.

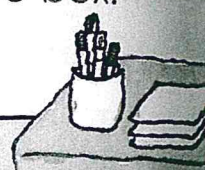
The Snack Shack sold 87 bags of pretzels on Saturday and 65 bags of pretzels on Sunday. How many more bags of pretzels did they sell on Saturday?

$$\begin{array}{r} 87 \\ - 65 \\ \hline 22 \end{array}$$

subtraction

22

There are 9 tables in Mr. Lyden's art room. If there are 5 students at each table, how many students are at the tables?

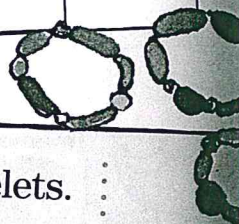


Brain Box

Word problems have clue words and phrases that tell you what operation you need to do to solve the problem.

Addition	Subtraction	Multiplication	
<ul style="list-style-type: none"> • how many / • total number 	<ul style="list-style-type: none"> • how many more • how many less 	<ul style="list-style-type: none"> • how many 	
<ul style="list-style-type: none"> • in all • altogether 	<ul style="list-style-type: none"> • how many are left • what is the difference 	<th>Division</th>	Division
		<ul style="list-style-type: none"> • each • every 	

Suki makes bracelets. She uses 9 beads in each bracelet she makes. How many bracelets can she make with 72 beads?



Word Problems

Mixed

operation

At the school bake sale, Jasmine sold 26 banana muffins and 34 cranberry muffins. How many muffins in all did she sell?

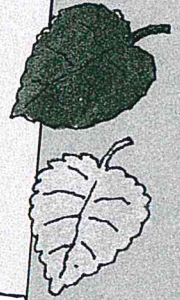


The camera club started with 32 members. 5 of those members dropped out. How many members are there now?



--	--

Ryan rakes leaves for \$4 an hour. If he wants to make \$36, how many hours will he have to work?



--	--

Jack Stalk has 8 rows of bean plants with 9 plants in each row. How many bean plants does he have?

--	--

At the school picnic there were 42 quarts of lemonade and 57 quarts of fruit punch. How many quarts of liquid are there in all?



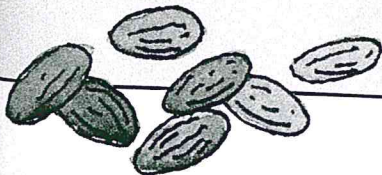
--	--

The hockey team practiced for 34 hours in June and for 48 hours in July. How much longer did they practice in July?



--	--

Noah wants to divide 48 almonds evenly into 6 little paper cups. How many almonds can he put in each cup?



--	--

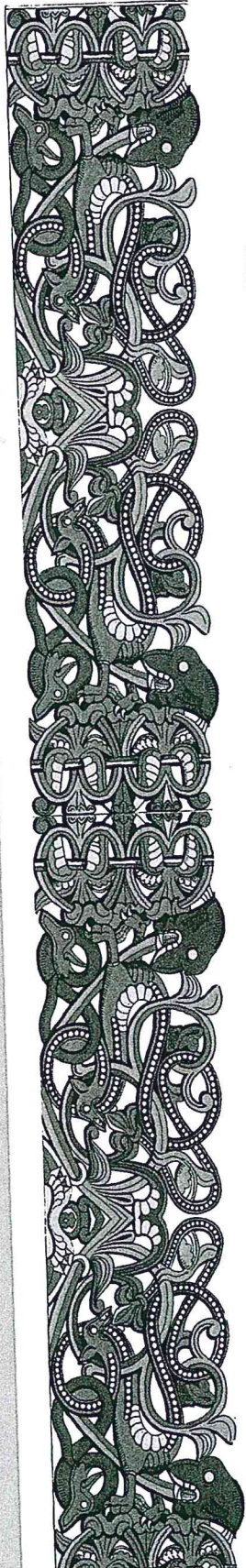
Word Problems

Mixed operation problems

Read the story.

Reading

Comprehen



The Sword in the Stone



fter the death of good king Uther, a miraculous stone appeared outside his castle. In the stone was a sword with the following words engraved upon its hilt:

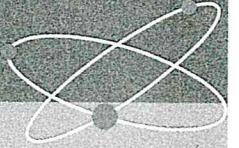
*I am Excalibur, the sword in the stone
Who pulls me free shall have the throne.*

Many princes tried to pull the sword from the stone, and the strongest knights came from all over Britain to try. But no one could do it, and the Britons went without a king for a long time.

One day, all the best knights of the kingdom were assembled at the castle for a tournament. Sir Kay, a valiant and strong knight, broke his sword during a parry and sent his young squire, a boy named Arthur, to his house to retrieve another sword. Arthur, unable to find the sword he'd been sent to find, but afraid to return without a new sword, saw the hilt of Excalibur gleaming in the sunlight. Without stopping to read the words on the hilt, Arthur drew out the sword with great ease and brought it to Sir Kay.

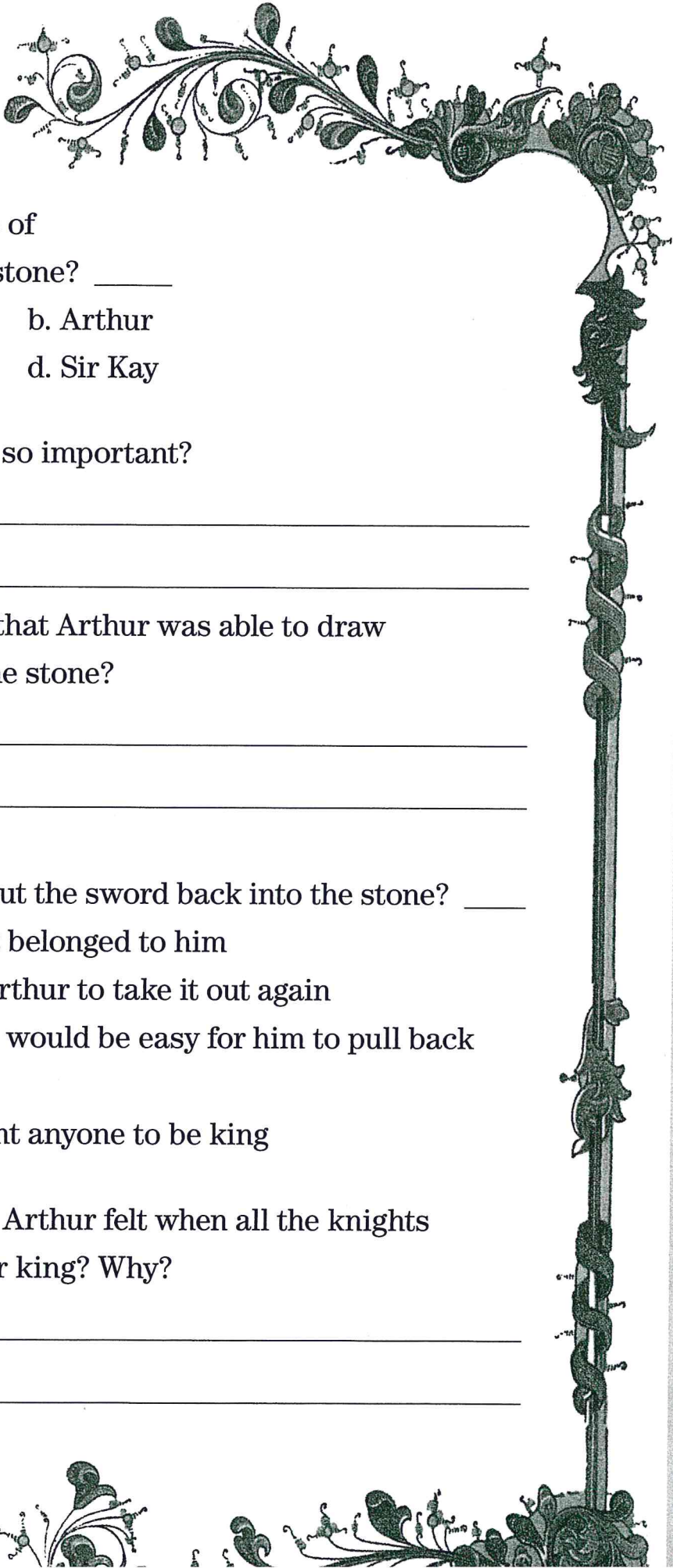
All the knights at the tournament were astonished to see the boy with the sword Excalibur. "Tell us who gave you the sword so that we may proclaim a new king of Britain!" they demanded. When Arthur told them that he had pulled out the great sword himself, they laughed. Sir Kay, seeing the chance to become king, thrust the Excalibur back into the stone and went to retrieve it again, thinking that it would come free easily. But just as it had before, the sword stayed put. All the knights took a turn trying to loosen the sword. When each one of them failed, they brought little Arthur back to see what he could do. Then, before all their eyes, Arthur once again pulled the Excalibur from the stone.

"All hail King Arthur!" the knights proclaimed, and they all pledged their loyalty to the new King of Britain.



Reading

Comprehension



What is the name of
the sword in the stone? _____

- a. Uther b. Arthur
c. Excalibur d. Sir Kay

Why is the sword so important?

Why is it strange that Arthur was able to draw
the sword from the stone?

Why did Sir Kay put the sword back into the stone? _____

- a. He thought it belonged to him
b. He wanted Arthur to take it out again
c. He thought it would be easy for him to pull back
out again
d. He didn't want anyone to be king

How do you think Arthur felt when all the knights
hailed him as their king? Why?



Find the Verb

The verb in a sentence is the part of speech that describes an action, occurrence, or indicates a state of being.

It describes what the subject of the sentence is doing.

For each sentence below, circle the verb in each sentence.

1. Thomas Edison invented the light bulb.



2. The spaceship launched from a base located in Florida.



3. My best friend nominated himself for class president today.

4. Sarah named her new baby kitten Fluffy.



5. We explored the cavern for any amazing new discoveries.

6. My coach encouraged me to practice more and work harder.

7. My parents photographed our entire trip in Paris.

8. I stretched my legs before we left for our walk.

9. The circus performed an amazing acrobatic show.



10. The psychic hypnotized my friend with a pocket watch.

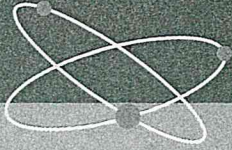
11. I volunteered to help rebuild the community church.

12. Bill wrote more than 100 poems when he was younger.

13. The politicians delegated the new bill.



14. Steve upgraded his car from a two-door to a four-door.



Spelling and Vocabulary

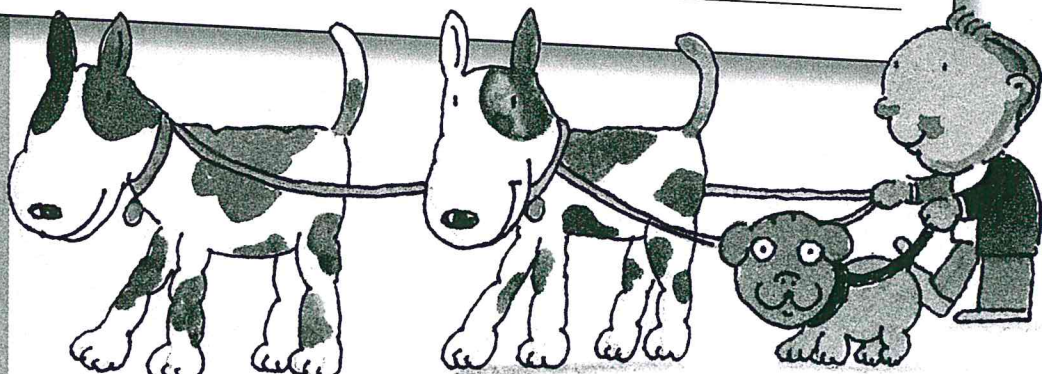
Antonyms and synonyms

Two for One

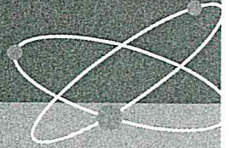
Write a **synonym** and an **antonym** for each word on the chart. Use the words from the Word Box.

ill	break	different	difficult
false	begin	depart	repair
factual	arrive	laugh	energetic
complete	exhausted	alike	cautious
sob	easy	healthy	reckless

	SYNONYM	ANTONYM
careful	<u>cautious</u>	<u>reckless</u>
cry	_____	_____
hard	_____	_____
leave	_____	_____
tired	_____	_____
fix	_____	_____
sick	_____	_____
finish	_____	_____
similar	_____	_____
true	_____	_____



Be a Word Detective



Use the **context clues** in each sentence to figure out the meaning of the underlined word. Circle the correct definition.

Mr. Ferris was infuriated when the boys hit a baseball through his living room window.

- a. delighted **b. very angry** c. interested

The tired farmer had toiled in his field all day planting crops.

- a. played b. run c. worked hard

The delicious aroma of the cookies baking in the oven made everyone hungry.

- a. smell b. color c. heat

Mr. Garcia ascended the ladder to reach the roof of his house.

- a. climbed up b. climbed down c. took away

The expert declared, "This is an authentic coin from ancient Rome, so it's extremely valuable."

- a. dirty b. common c. real

The king's throne was very elaborate; it was covered with gold and jewels.

- a. soft b. normal c. fancy

The police officer admonished the man not to drive down the flooded street.

- a. rewarded b. promised c. warned

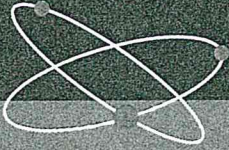
Because we had such a hectic weekend, we barely had a moment to rest.

- a. slow b. busy c. annoying



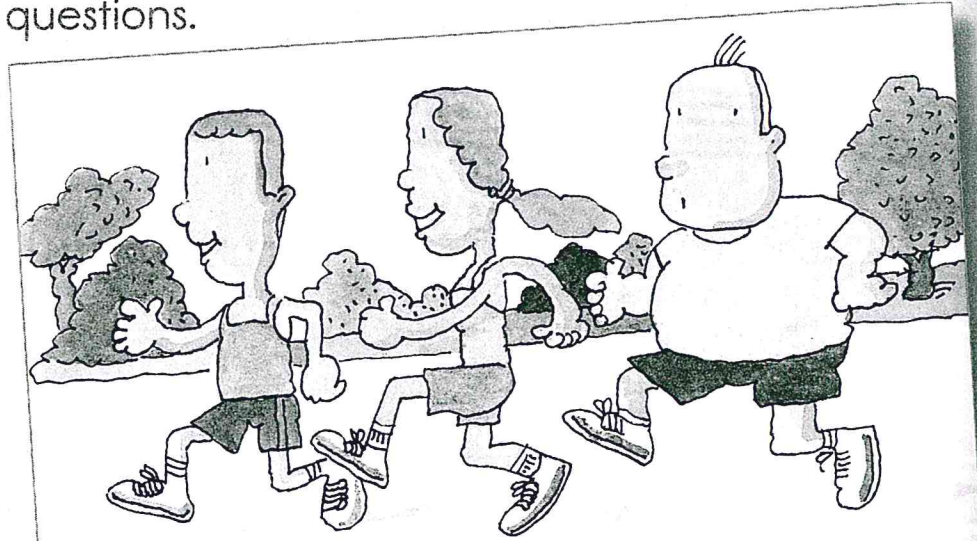
Brain Box

When you come across a word you don't understand, you can often figure out its meaning by looking at



That's the Point!

Read the **persuasive paragraph**. Then answer the questions.



Running is the most ideal exercise for staying healthy and fit. Unlike many other sports, running is something that just about anyone can do, and it isn't hard to get started. Running also burns calories while giving your heart and legs a great workout. You can either do it with a friend or you can go by yourself. Of course, the best part about running is you can do it anywhere. Whether you're in a gym, on the sidewalk, or at the beach, all you need is a pair of running shoes to get moving. If you've never run before, give it a try. You'll have fun and feel good after you do it!

Writing

Persuasive paragraphs

Brain Box

Persuasive writing tries to get the reader to agree with an opinion or point of view. Persuasive paragraphs contain three elements:

- 1) A **topic sentence**—a sentence that introduces the opinion
- 2) **Supporting facts**—details, facts, or reasons that support the opinion

What is the main idea of the topic sentence?

Is the main idea a fact or an opinion? _____

What are some of the reasons the writer gives to support his or her main idea?

