

MCM1

Karen's garden is 6 feet by 5 feet. The area of Steph's garden is 10 times bigger than Karen's garden.

What is the area of Steph's garden?
Show your work.

MCM2

Ms. Smith's class keeps track of the number of pages they read each week. Below is a chart with some missing information.

Students	Pages Read
Mike	54
Tina	
Luke	39
Cara	27
Seth	

A) Tina read 3 times fewer pages than Mike. How many pages did Tina read? Show your work.

B) Seth read 4 times more pages than Cara. How many pages did Seth read?

MCM3

Mrs. Cook is rearranging the books in the library. She put 13 books on the first shelf and 12 times as many books on the second shelf.

How many books are there in all?

Show your work.

MCM4

Mrs. Cook is rearranging the books in the library. She put 7 books on the first shelf and three times as many books on the second shelf.

How many books are on the second shelf?
Show your work.

MCM5

Bill's garden is 240 square feet. Leslie's garden is 20 square feet.

How many times bigger is Bill's garden than Leslie's garden?
Show your work.

MCM6

Tim's plant is 40 cm. tall. John's plant is 5 cm. tall.

How many times taller is Tim's plant than John's plant?
Show your work.

MCM7

Sam's garden is 12 times as big as Doug's garden. Doug's garden is 240 square feet.

How big is Sam's garden? Show your work.

MCM8

Tim's plant is 5 times taller than John's plant. John's plant is 40 cm. tall.

How tall is Tim's plant? Show your work.

MCM11

The students in Mrs. Gilbert's class planted bean and corn seeds. The bean plants grow 3 times faster than the corn plants.

When the corn plants measure 2 inches, how tall will the bean plants be?
Show your work.

MCM12

The class bought a rat for a pet. On the first day we measured her she was 6 inches long. Three weeks later she was nine inches long. Jed said she is 3 times bigger than when we first measured her.

Is he correct? How do you know?

MCM13

The class has a rat for a pet. When she was six months old she measured 15 inches long. That was 3 times bigger than when the class bought her. How long was the rat when the class bought her?

Show your work.

MCM15

In a recent snowstorm Vermont received 8 inches of snow. In 1978 there was a great blizzard that dumped 34 inches of snow on the state.

About how many times more snow did the blizzard of 1978 dump on the state than the recent snowstorm?

Show your work.

MCM 16

A piece of elastic stretches to 3 times its length. When fully stretched it is 57 inches long?

What is its original length?

MCM17

A piece of elastic that is 19 inches long can be stretched to 57 inches.

How many times its original length has it been stretched?

MCM18

A piece of elastic stretches to 3 times its length. If the elastic is 23 inches long, how long will it be when it is fully stretched?

MCM19

The first grade class planted a tree that was 4 feet tall. When the class graduated from eighth grade the tree was now 4 times taller than when they planted it.

How tall is the tree now?

MCM20

The average price of a home in 1960 was \$12,700. The average price of a home in 2008 was \$238,880.

<http://www.thepeoplehistory.com/70yearsofpricechange.html>

About how many times more is the cost of a home in 2008 than a home in 1960.

Show your work.

MCM21

In 1930 the average cost of a car was \$600. In 2008, the average cost of a car was \$27,958.

<http://www.thepeoplehistory.com/70yearsofpricechange.html>

About how many times more was the price of a car in 2008 than a car in 1930? Show your work.

MGM22

In 2004 there were about 5,760,000 motorcycles in the United States.
That is about 10 times more than the number of motorcycles in 1960.

(Data from RITA: U.S. Department of Transportation Research and Innovative Technology Administration)

About how many motorcycles were there in the United States in 1960?

Show your work.