

Name _____

1. Compute:

$$\begin{array}{r} 986 \\ + 175 \\ \hline \end{array}$$



2. Give the rule for the number sequence.
Write the next three numbers.

1, 3, 8, 19, 42, 89, _____, _____, _____

3. In a set of data, the sum of the data divided by the number of data items is the

- range median
 mean mode

4. Draw a pair of perpendicular lines.

I'm famous.



5. Can this problem be solved with the information given?

In 1933, a London circus offered a reward in the amount of 20,000 British pounds for the capture of the Loch Ness Monster. In 2005, a professor from Maine announced a \$1 million reward for a photograph of the Loch Ness Monster, Bigfoot, or the Abominable Snowman that would lead to the capture of any one of the three legendary creatures. What is the difference between the amounts of the two rewards?

Name _____

1. Which statement is **not** true?

- a. A composite number can be divided by two.
 b. -2.5 is an integer.
 c. A fraction is a rational number.
 d. An integer is a counting number.

2. Write this number in standard notation:

sixty-six thousand, sixty-six

3. Compute: **4.94 + 0.02**

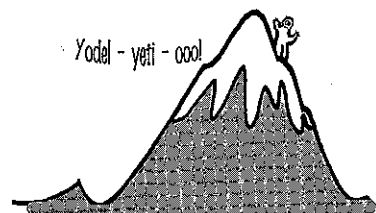
4. Which units are metric units?

- grams liters yards ounces
 inches kilometers acres meters

5. What information is **not** needed to solve the problem?

In the mountains of Nepal, some climbers found footprints at an altitude of 18,000 feet. The footprints measured 11 inches long and 5 inches wide. Other climbers claim that they saw a Yeti in the same area at 16,595 feet. What is the difference in the elevations at which the two sightings occurred?

Yodel - yeti - oool

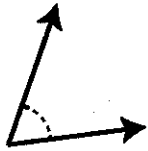


Name _____

1. What operation is needed to solve the problem?

Sailors insisted that the Kraken (a large sea creature) was 1,700 feet in diameter when its tentacles were outstretched. About what would the circumference of this creature be?

2.



This angle is a(n) _____ angle.

3. What number is the opposite of **-37**?

4. Compute: $-16 + 8 =$

5. Which three-month period had the most sightings of all three creatures?

Month	Bigfoot	Nessie	Yeti
Jan	13	16	9
Feb	10	22	3
Mar	24	7	4
Apr	33	5	6
May	35	23	8
Jun	47	50	18
July	37	37	28
Aug	40	35	27
Sept	35	20	4
Oct	18	26	2
Nov	6	18	0
Dec	4	12	0



Name _____

1. What is the absolute value of **-135**?

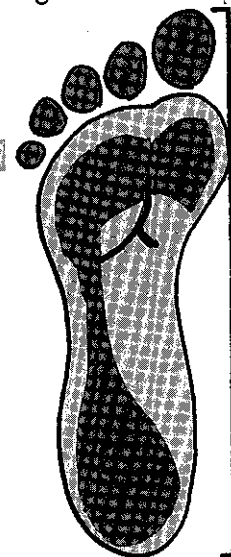
2. Compute: $\frac{3}{8} + \frac{1}{8} + \frac{3}{8} =$

3. Put these in order from least to greatest:

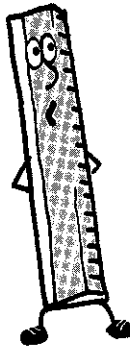
2,022	22
220	20,200
2,202	202

4. If an average of 1,135 visitors go to Scotland's Loch Ness each month, how many people visit in one year?

5. a. Measure the footprint in centimeters. (Round to the nearest centimeter.)
 b. If the scale of the drawing is $1 \text{ cm} = 2 \text{ in}$, how big would the actual footprint be?



Oh, my!



Name _____

1. Compute: $(-16) - 20 =$

2. Compute:
$$\begin{array}{r} 345 \\ \times 27 \\ \hline \end{array}$$

3. Which expression matches the words?

twice the difference between twelve and a number

- a. $2n - 12$
- b. $2(12 - n)$
- c. $2(n - 12)$
- d. $2 \times 12 - n$



4. Which event has the **least** likelihood of happening?

- a. Evening will come today.
- b. You choose the name of a weekday and get a day beginning with T.
- c. A bubblegum machine has 100 green and 10 yellow gumballs. You put in a coin and get a yellow gumball.
- d. You flip a coin and it lands tails up.

5. Challenge Problem

Three friends liked to track down legendary creatures. The diagram shows some statistics on what they saw in a three-year period of searching.

- a. Which friend had the most sightings?
- b. Which friend saw only two of the three creatures (or footprints)?
- c. Which creature (or prints) was seen the most times?

