

Story Problem Practice

Lindsay Mandigo

Question 1

There are 4 350 fans at a basketball game. 1 480 of the fans are cheering for the Warriors and the rest are cheering for the Lions.



Estimate how many more fans are cheering for the Lions than for the Warriors.

Question 3

Raya and Brett are collecting signatures on a petition to save a local park. Raya has collected 24 376 signatures and Brett has collected 19 521 signatures.



Estimate how many more signatures Raya has than Brett.

Question 2

A group of friends has decided to all chip in and rent a cottage for a week. The cottage rental costs \$7 750 and each of the six friends will chip in \$1 080.



Estimate whether the friends will have enough to rent the cottage and **justify** your answer.

Question 4

Brandon is trying to decide whether to buy a yearly bus pass or twelve monthly bus passes. A yearly bus pass costs \$2 175 and a monthly pass is \$280.



Estimate which option will cost Brandon less money and **how much** money he will save.

Question 5

A bag of gummy candies weighs 1 270 grams. The gummy bears in the bag weigh 362 grams. The rest of the bag is made up of gummy worms.



Estimate how much more the gummy worms weigh than the gummy bears.

Question 6

Find the product of the following:

$$\begin{array}{r} 706 \\ \times 49 \\ \hline \end{array}$$

Question 7

Find the product of the following:

$$\begin{array}{r} 938 \\ \times 27 \\ \hline \end{array}$$

Question 8

Find the product of the following:

$$\begin{array}{r} 714 \\ \times 93 \\ \hline \end{array}$$

Question 9

Calculate the following difference and write your answer in words.

$$\begin{array}{r} 4095 \\ - 2867 \\ \hline \end{array}$$

Question 10

Find the product of the following:

$$\begin{array}{r} 325 \\ \times 87 \\ \hline \end{array}$$

Question 13

Classify the following number as a natural number, whole number or an integer. A number may be a member of one set, two sets, all three sets or none of the sets.

-13

Question 11

From the list below, identify the numbers that are not natural numbers:

34, 7, $\frac{16}{4}$, -3, 2.6, 12, -1, 78

Question 14

A car can cover a distance of 8 km with one liter of fuel. How much fuel (in liters) will it consume to cover a distance of 115 km rounded off to the nearest natural number?

Question 12

Eric ordered 4 pizzas at a restaurant and paid a total of \$125.

Determine the price of one pizza (in dollars) rounded off to the nearest natural number.

Question 15

Mike is a goalkeeper for the school's soccer team. He has made 47 saves over the first 6 games. Find his average saves per game rounded off to the nearest natural number.