

Directions: Solve each problem below, show your work in the work space.

Set #2

Problem #1:

Each of 5 boys in Mr. Tipton's class ate $\frac{2}{3}$ of a pizza and the 7 girls in his class each ate $\frac{3}{4}$ of a pizza at the holiday break party. What is the total amount of pizza the boys and girls ate?

Answer:

Problem #2:

The Tori family drove their car 3146 miles over the holidays. Their car used 1 gallon of gas for every 26 miles driven. They paid \$2.39 for a gallon every time they filled up. How much did they spend on gas during their trip?

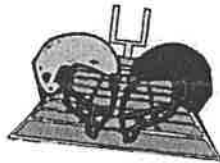
Answer:



Problem #3:

Kendall's dad was hired to lay new tile in all of the restrooms at the football stadium to get ready for a holiday bowl game and they were going to pay him \$3.00 a square foot to do the job. There were 34 restrooms. Twelve of the restrooms were 14 feet wide by 20 feet long. The rest of the restrooms were 16 feet wide by 20 feet long. How much did Kendall's dad earn for completing all of the restrooms?

Answer:



Problem #4:

Cory's job at the Dallas Zoo is to weigh the animals. During today's weigh-in, he recorded the following information:

- A female gorilla has a mass of 85,000 grams.
- A male elephant has a mass of 700 more kilograms than the female gorilla.
- A male rhinoceroses has a mass that is 25,000 grams more than the male elephant.

What is the mass of the male rhinoceroses?

Answer:

Challenge Problem #5:

If you multiplied the current year by the last two digits of the year that you were born and divided that product by your age, what would the final quotient be?

Answer:

WEB MATH MINUTE

Multiplication & Division from 1 to 12

NAME _____

SCORE _____

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 22 \\ \div 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 108 \\ \div 9 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \div 7 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 55 \\ \div 11 \\ \hline \end{array} \quad \begin{array}{r} 64 \\ \div 8 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \div 6 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ \div 4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \div 1 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \div 11 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ \div 5 \\ \hline \end{array} \quad \begin{array}{r} 48 \\ \div 4 \\ \hline \end{array} \quad \begin{array}{r} 30 \\ \div 6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 55 \\ \div 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 40 \\ \div 8 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \div 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 56 \\ \div 8 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \div 12 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 60 \\ \div 12 \\ \hline \end{array} \quad \begin{array}{r} 70 \\ \div 7 \\ \hline \end{array} \quad \begin{array}{r} 96 \\ \div 12 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \div 3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 108 \\ \div 12 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 100 \\ \div 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 44 \\ \div 11 \\ \hline \end{array} \quad \begin{array}{r} 40 \\ \div 10 \\ \hline \end{array}$$

**Decimal Practice** page 1 of 2

1 Fill in the blanks to convert the units in each problem below.

The following information may help you:

- 1 gigabyte (GB) is equal to 1,000 megabytes (MB).
- 1 megabyte (MB) is equal to 1,000 kilobytes (KB).
- 1 kilobyte (KB) is equal to 1,000 bytes.

a 9 KB = _____ bytes

b 43 KB = _____ bytes

c 9.6 KB = _____ bytes

d 8 MB = _____ KB

e 41 MB = _____ KB

f 7.3 MB = _____ KB

g 7 GB = _____ MB

h 56 GB = _____ MB

i 2.4 GB = _____ MB

j 16 MB = _____ bytes

2 Round each decimal number to the nearest whole number.

a 5.3

b 16.8

c 21.25

(continued on next page)

NAME _____

DATE _____

Decimal Practice page 2 of 2**3** Round each number to the nearest tenth.

a 8.85

b 12.09

c 100.15

4 Round each number to the nearest hundredth.

a 24.275

b 36.308

c 3.495

5 Add or subtract the decimals.

$$\begin{array}{r} 2.03 \\ + 4.78 \\ \hline \end{array}$$

$$\begin{array}{r} 5.01 \\ - 3.98 \\ \hline \end{array}$$

$$\begin{array}{r} 25.67 \\ + 14.32 \\ \hline \end{array}$$

$$\begin{array}{r} 100.00 \\ - 96.75 \\ \hline \end{array}$$

6 Isabella is building a tree fort. The base of the fort is 78 inches wide by 92 inches long.**a** What is the area of the base in square inches? Show your work.**b** **CHALLENGE** What is the area of the base in square feet? Show your work.