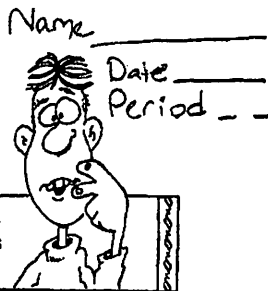


# What Did Snidely Say After Filling His Car With Super Premium, TopTest, Power Plus Gasoline?



Solve each problem and find your answer in the rectangle below. Cross out the box that contains your answer. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

- The Jelly Junior High school color is made by mixing red paint with yellow paint. The ratio of red to yellow is 3 to 5. How much red paint should be mixed with 20 oz of yellow?  
\_\_\_\_\_ oz
- The Lawn Order lawnmower factory can produce 12 lawnmowers in 8 hours. How many hours will it take the factory to produce 30 lawnmowers?  
\_\_\_\_\_ h
- An object that weighs 10 lb on Earth would weigh only 4 lb on Mars. If you weigh 95 lb on Earth, how much would you weigh on Mars?  
\_\_\_\_\_ lb
- The ratio of orange juice to pineapple juice in Tropical Treat punch is 4 to 3. Bill has 64 oz of orange juice. How much pineapple juice does he need?  
\_\_\_\_\_ oz
- A cookie recipe for 60 cookies calls for 4 cups of flour. How much flour is needed to make 90 cookies?  
\_\_\_\_\_ cups
- Jose can read 7 pages of his book in 5 minutes. At this rate, how long will it take him to read the entire 175-page book?  
\_\_\_\_\_ min
- While exercising, Julie found that her heart was beating 12 times every 5 seconds. How many times was it beating per minute (60 seconds)?  
\_\_\_\_\_
- If there are 1,200 calories in 8 oz of hot fudge, how many calories are in 3 oz of hot fudge?  
\_\_\_\_\_ cal
- At a certain college, the ratio of men to women is 6 to 5. If there are 1,500 men, how many women are there?  
\_\_\_\_\_
- One of the world's largest stained-glass windows is at Kennedy International Airport in New York. It is a rectangle with a height to length ratio of 2 to 25. If the window is 24 feet high, how long is it?  
\_\_\_\_\_ ft

HI	PU	TA	KE	EP	JU	NK	IN
450	48	1,210	300	12	125	340	20
GO	TO	HO	OD	NE	ED	GA	SS
136	1,250	6	15	40	144	38	7

\_\_\_\_\_

# CRYPTIC QUIZ

Name \_\_\_\_\_  
Date \_\_\_\_\_  
Period \_\_\_\_\_

1. What should the Jolly Green Giant receive?

6 5 18 11 16 15 52 18 70 2 80 18 9 12 13 80 20 30 1 18

2. Why did it take the monster 3 hours to finish a 20-page book?

5 18 21 8 9 12 16 6 24 4 18 20 3 60 5 10 16 7 20 3

Solve each proportion and find your answer in the code. Each time the answer appears, write the letter of the exercise above it.

Ⓛ  $\frac{2}{5} = \frac{12}{n}$   $n =$  \_\_\_\_\_ Ⓢ  $\frac{3}{4} = \frac{9}{n}$   $n =$  \_\_\_\_\_ ⓐ  $\frac{6}{2} = \frac{21}{n}$   $n =$  \_\_\_\_\_

ⓐ  $\frac{10}{4} = \frac{n}{6}$   $n =$  \_\_\_\_\_ Ⓨ  $\frac{5}{15} = \frac{n}{9}$   $n =$  \_\_\_\_\_ Ⓣ  $\frac{12}{8} = \frac{n}{4}$   $n =$  \_\_\_\_\_

Ⓤ  $\frac{2}{n} = \frac{5}{25}$   $n =$  \_\_\_\_\_ ⓐ  $\frac{33}{n} = \frac{11}{3}$   $n =$  \_\_\_\_\_ Ⓛ  $\frac{49}{n} = \frac{7}{10}$   $n =$  \_\_\_\_\_

Ⓥ  $\frac{n}{6} = \frac{6}{9}$   $n =$  \_\_\_\_\_ Ⓩ  $\frac{n}{4} = \frac{18}{72}$   $n =$  \_\_\_\_\_ ⓓ  $\frac{n}{2} = \frac{50}{20}$   $n =$  \_\_\_\_\_

Ⓦ  $\frac{14}{n} = \frac{7}{4}$   $n =$  \_\_\_\_\_ ⓔ  $\frac{8}{12} = \frac{12}{n}$   $n =$  \_\_\_\_\_ ⓑ  $\frac{n}{13} = \frac{4}{1}$   $n =$  \_\_\_\_\_

Ⓡ  $\frac{24}{6} = \frac{n}{5}$   $n =$  \_\_\_\_\_ Ⓝ  $\frac{n}{10} = \frac{40}{25}$   $n =$  \_\_\_\_\_ Ⓟ  $\frac{24}{n} = \frac{30}{100}$   $n =$  \_\_\_\_\_

Use the table for questions 1 and 2.

Lisa's Flower Bed

Type of Flower	Number of Bulbs
Daffodils	7
Hyacinths	10
Tulips	12

- In simplest form, write a ratio that compares the number of hyacinth bulbs to the number of tulip bulbs. \_\_\_\_\_
- What is the ratio of the number of daffodil bulbs to the total number of flower bulbs?  
\_\_\_\_\_

3. @@@@ @\*\*\*\* In simplest form, what is the ratio of @ to \*? \_\_\_\_\_

4. Which ratio is NOT equivalent to  $\frac{5}{3}$ ? (circle your answer)  
 A.  $\frac{35}{21}$     B.  $\frac{25}{15}$     C.  $\frac{18}{12}$     D.  $\frac{10}{6}$

5. Kali's bedroom wall has a border with the following design.  
 If the design has 48 shapes in all, how many of those shapes are smiley faces?  
 \_\_\_\_\_



- Mel bought 8 packages of clay for a total of \$32. At that rate, how much will 14 packages of clay cost?  
\_\_\_\_\_
- Pete estimates that 3 out of every 8 jelly beans in a jar are orange. If there are 472 jelly beans in the jar, about how many of them are orange?  
\_\_\_\_\_
- Marlo is buying a trail mix that costs \$0.25 per ounce at a bulk food store. At that rate, how many ounces can she buy for \$3?  
\_\_\_\_\_
- Mrs. Albin is staying in a motel in Savannah. The nightly rate is \$84 per night. At that rate, how much will it cost to stay 7 nights?  
\_\_\_\_\_
- A recipe for punch calls for 4 parts club soda to 3 parts juice. How much juice is needed for 32 ounces of club soda?  
\_\_\_\_\_