

Alive and Well

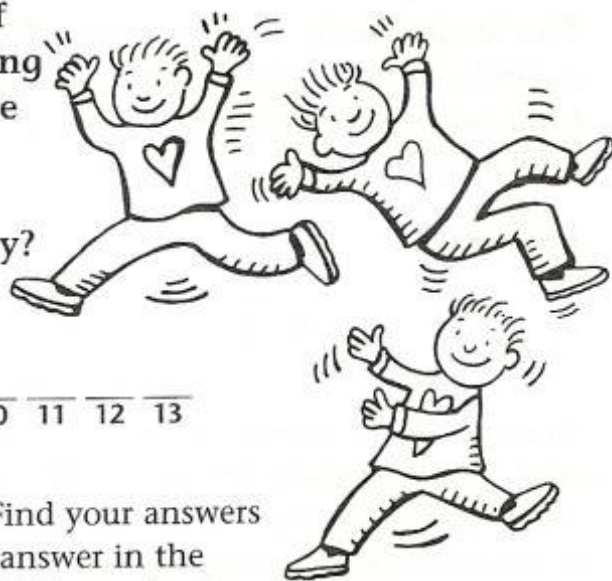
Solving Proportions



Your body is composed of individual cells all working together to keep you alive and help you to grow. About how many cells make up the human body?

Answer:

1 2 3 4 5 6 7 8 9 10 11 12 13



To answer the question, solve each proportion. Find your answers in the Answer Box, then write the letter of each answer in the space above its problem number. (Some letters will be used more than once. Some letters will not be used.)

1 $\frac{2}{5} = \frac{n}{20}$

$n =$ _____

2 $\frac{3}{n} = \frac{9}{30}$

$n =$ _____

3 $\frac{n}{16} = \frac{4}{8}$

$n =$ _____

4 $\frac{9}{n} = \frac{1}{9}$

$n =$ _____

5 $\frac{n}{5} = \frac{24}{10}$

$n =$ _____

6 $\frac{3}{27} = \frac{9}{n}$

$n =$ _____

7 $\frac{5}{12} = \frac{n}{60}$

$n =$ _____

8 $\frac{6}{15} = \frac{4}{n}$

$n =$ _____

9 $\frac{n}{36} = \frac{1}{4}$

$n =$ _____

10 $\frac{6}{22} = \frac{n}{33}$

$n =$ _____

11 $\frac{40}{25} = \frac{16}{n}$

$n =$ _____

12 $\frac{10}{15} = \frac{n}{30}$

$n =$ _____

13 $\frac{20}{n} = \frac{4}{3}$

$n =$ _____

Answer Box

Y. 12

I. 10

L. 9

B. 18

F. 8

M. 36

O. 20

N. 15

T. 81

R. 25

Big Water

Solving
Proportions

The largest body of fresh water that lies entirely in the United States is 306 miles long and 118 miles wide. What is the name of this body of water?

Answer:

1 2 3 4 5 6 7 8 9 10 11 12

To answer the question, solve each proportion. Find your answers in the Answer Box, then write the letter of each answer in the space above its problem number. (Some letters will be used more than once. Some letters will not be used.)



$$1 \quad \frac{3}{5} = \frac{n}{15}$$

$n =$ _____

$$2 \quad \frac{4}{n} = \frac{8}{32}$$

$n =$ _____

$$3 \quad \frac{1.4}{2.1} = \frac{8}{n}$$

$n =$ _____

$$4 \quad \frac{9}{n} = \frac{1.5}{3.5}$$

$n =$ _____

$$5 \quad \frac{21}{12} = \frac{n}{28}$$

$n =$ _____

$$6 \quad \frac{9}{12} = \frac{n}{32}$$

$n =$ _____

$$7 \quad \frac{21}{n} = \frac{2.6}{7.8}$$

$n =$ _____

$$8 \quad \frac{n}{25} = \frac{3}{5}$$

$n =$ _____

$$9 \quad \frac{n}{36} = \frac{10}{15}$$

$n =$ _____

$$10 \quad \frac{3.5}{7} = \frac{n}{6}$$

$n =$ _____

$$11 \quad \frac{7}{4} = \frac{28}{n}$$

$n =$ _____

$$12 \quad \frac{2.5}{n} = \frac{3}{6}$$

$n =$ _____

Answer Box

K. 12

H. 15

I. 24

M. 49

L. 9

S. 10

N. 5

U. 25

C. 63

G. 3

A. 16

E. 21