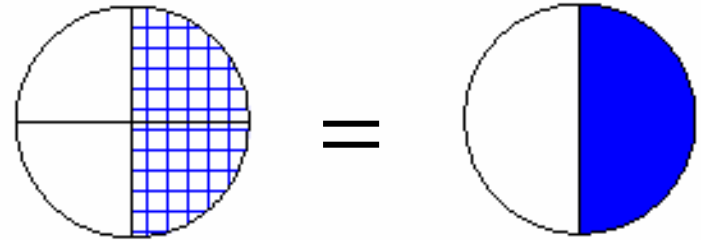


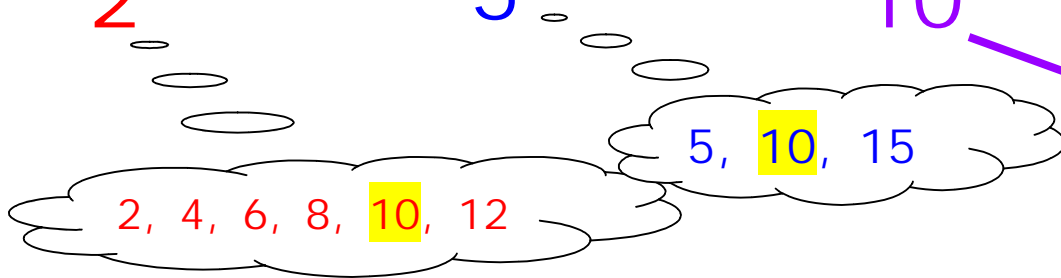
simplify



$$\frac{2}{4} = \frac{1 \times 1}{2 \times 2} = \frac{1}{2}$$

common denominator

$$\frac{1}{2} + \frac{2}{5} = \frac{5}{10} + \frac{4}{10} = \frac{9}{10}$$



10 is the common denominator of 2 and 5

greatest common factor

Factors of 12 - 1, 2, 3, 4, 6, 12

Factors of 18 - 1, 2, 3, 6, 9, 18

GCF is 6

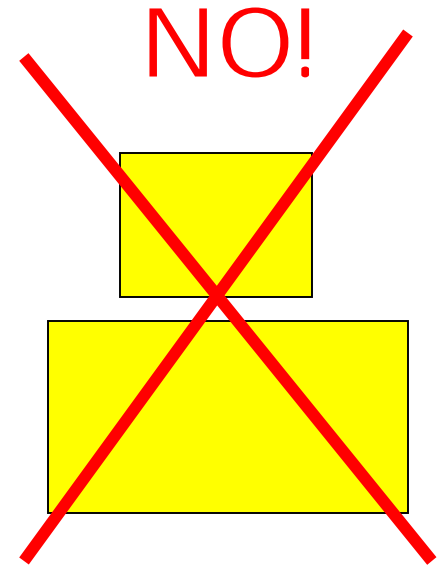
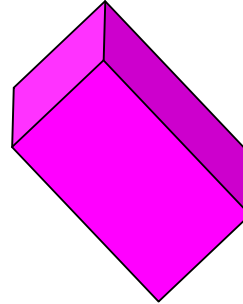
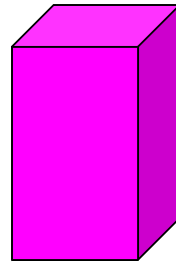
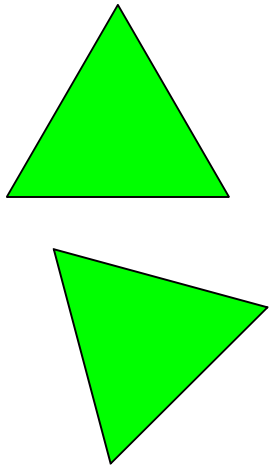
least common multiple

Multiples of 12 - 12, 24, 36, 48, 60, 72

Multiples of 18 - 18, 36, 54, 72, 90, 108

LCM is 36

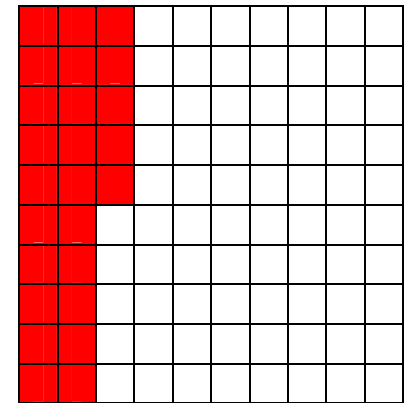
congruence



25%

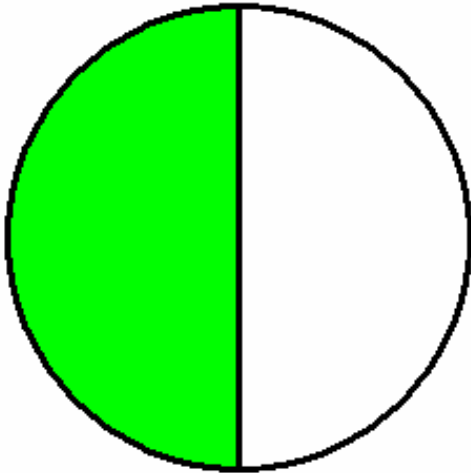
%

Symbol for percent

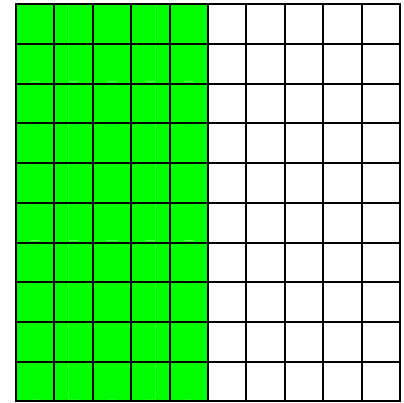


25 out of 100

percent



50%



improper fraction

$$\frac{15}{6}$$

$$\frac{6}{3}$$

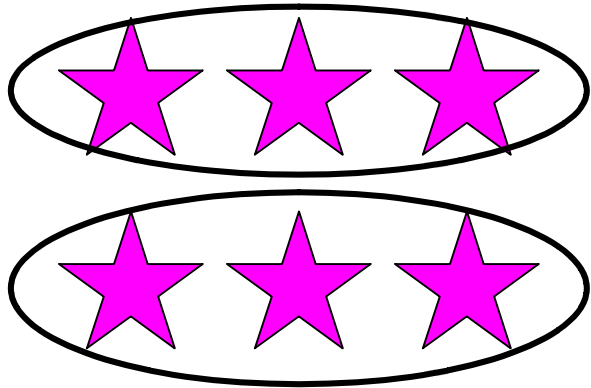
$$\frac{16}{5}$$

$$\frac{3}{2}$$

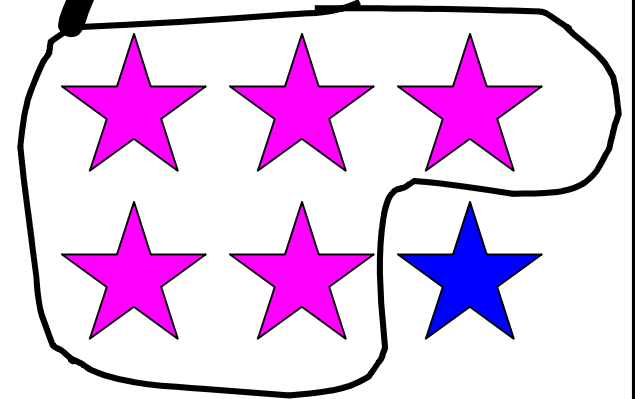
$$\frac{9}{12}$$

NO!

divisibility



6 is divisible
by 3 but
NOT by 5.



multiple

Multiples of 12 - 12, 24, 36, 48, 60, 72

Multiples of 18 - 18, 36, 54, 72, 90, 108

factor

To find the **product**, I need to multiply **factors**.

$$2 \times 3 = 6$$

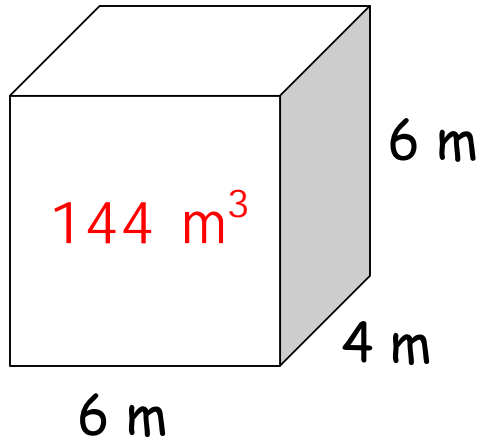
$$15 = 5 \times 3$$

estimate

Estimate the product.

$$12 \times 18$$

It's about 10×20
or 200.



volume

Three dimensional size of an object - how much space a container occupies

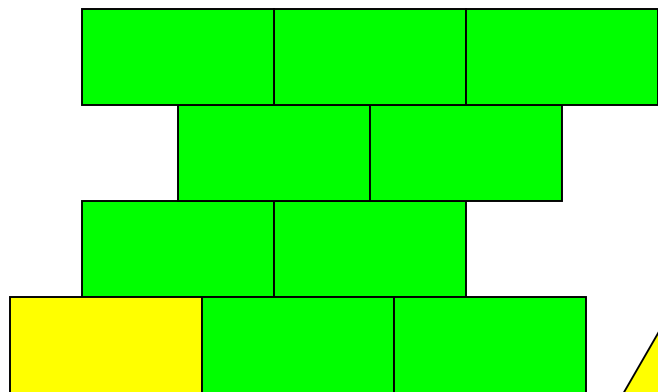
in³

ft³

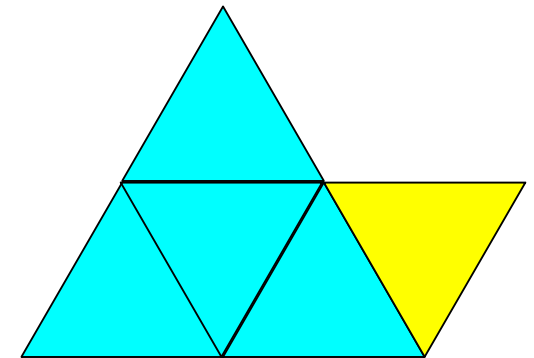
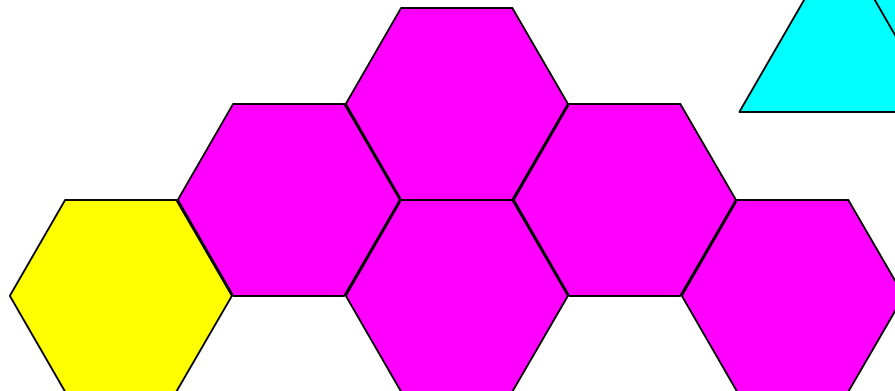
yd³

cm³

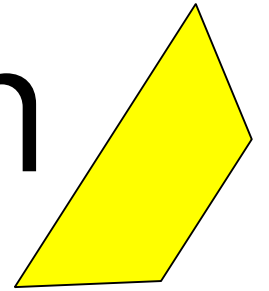
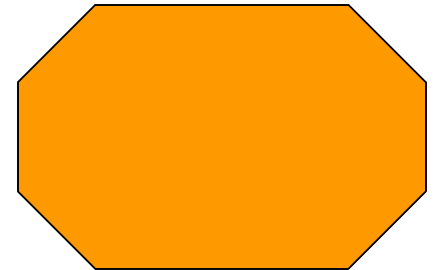
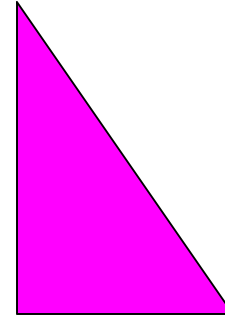
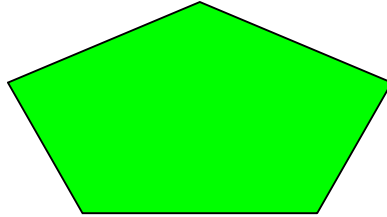
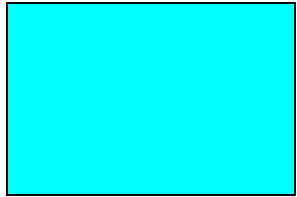
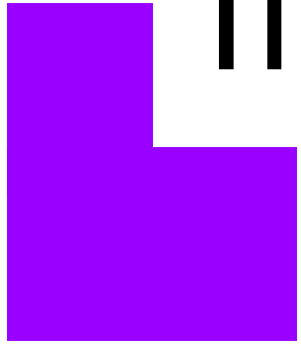
m³



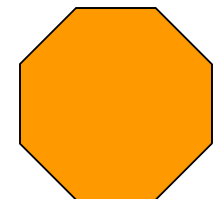
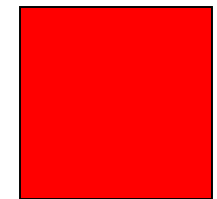
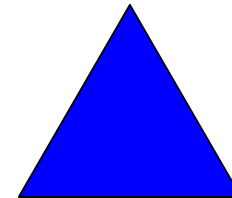
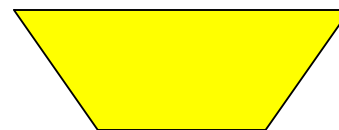
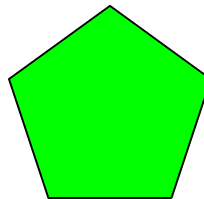
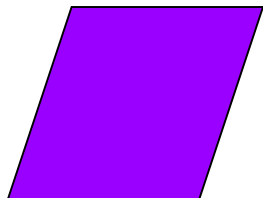
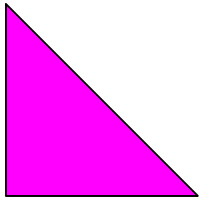
tiling



irregular polygon



polygon



cups, pints,
gallons

capacity

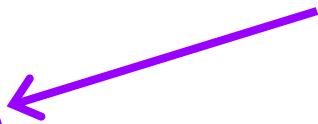
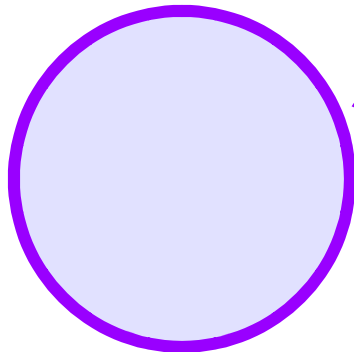
lung
capacity

room
capacity

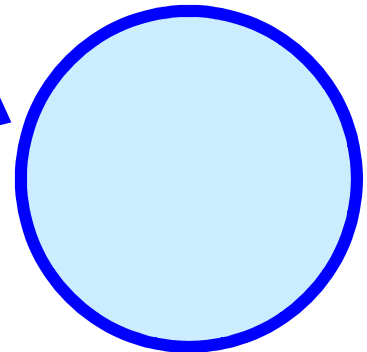
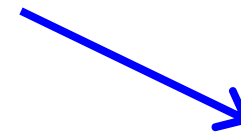
Amount of pourable substance a
container can (or does) hold.

milliliters,
liters

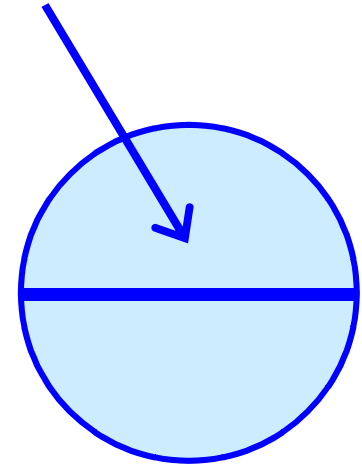
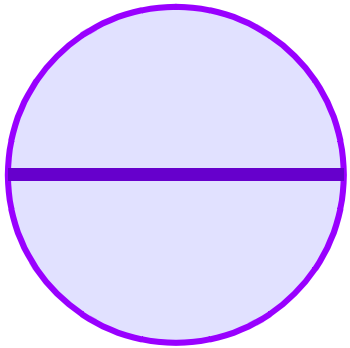
circumference



the distance around a circle



diameter



≈ 3.14

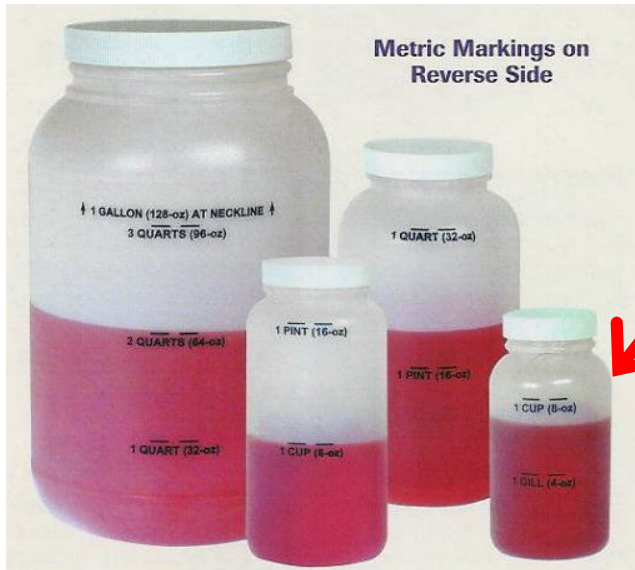
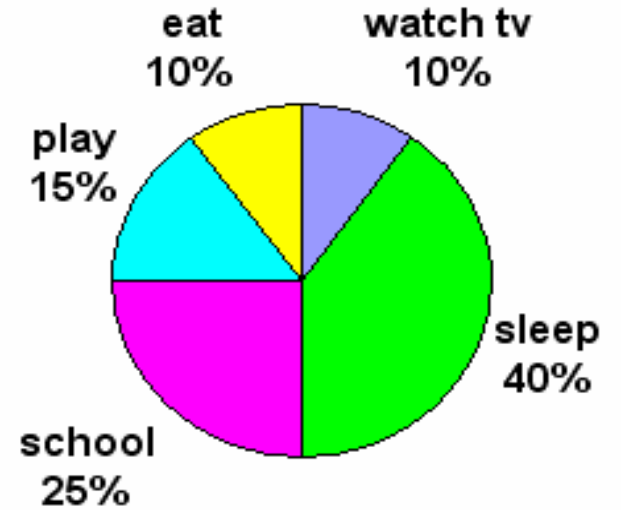
pi

π

$\frac{22}{7}$

My Typical School Day

circle graph



cup

8 OZS.

1 C





pint

2 cups

1 pt.

tall glass of
lemonade

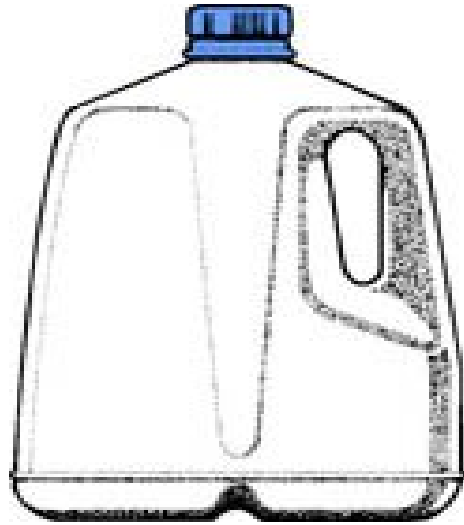


Metric Markings on
Reverse Side

quart

2 pints

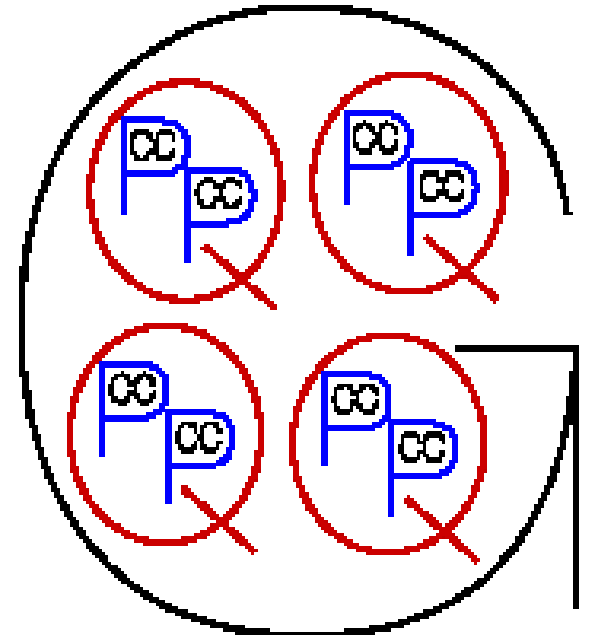
1 qt.



gallon

4 quarts

1 gal.



fluid ounce

$\frac{1}{16}$ of a pint

about 30 ml

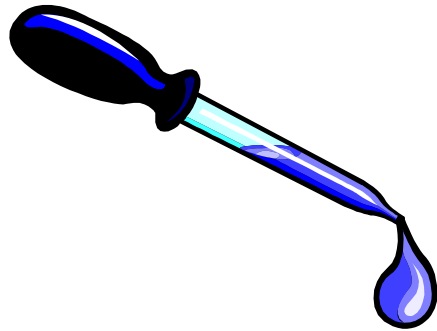
$\frac{1}{8}$ of a cup



liter

a little more than a quart

1 L



milliliter

about 20 drops
of water

1 ml

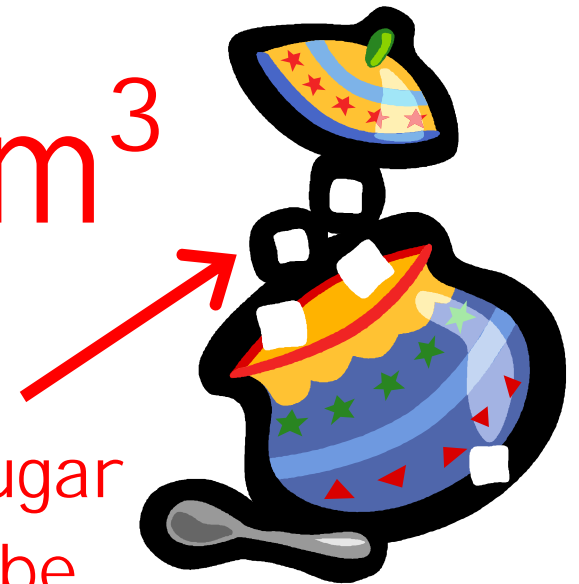
1 cm³

about $\frac{1}{5}$ of a teaspoon

cubic
centimeter

1 cm^3

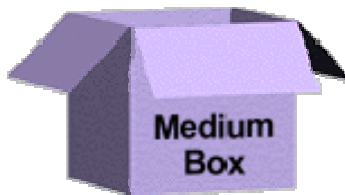
a sugar
cube



cubic meter

11 boxes

1 m^3



18 in. x 18in. x 17 in.



The trailer is
about 100 m^3 .

cubic inch

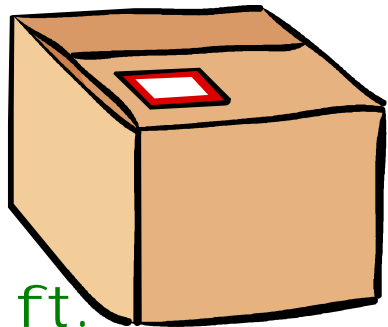
1 in³

231 in³



cubic foot

about 7 ½ gallons

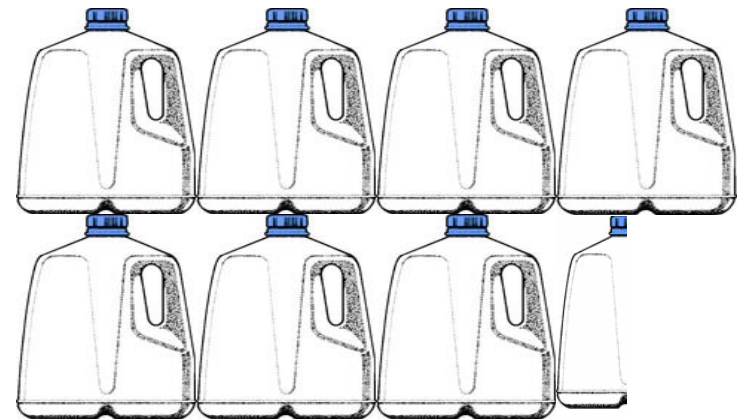


1 ft.

1 ft.

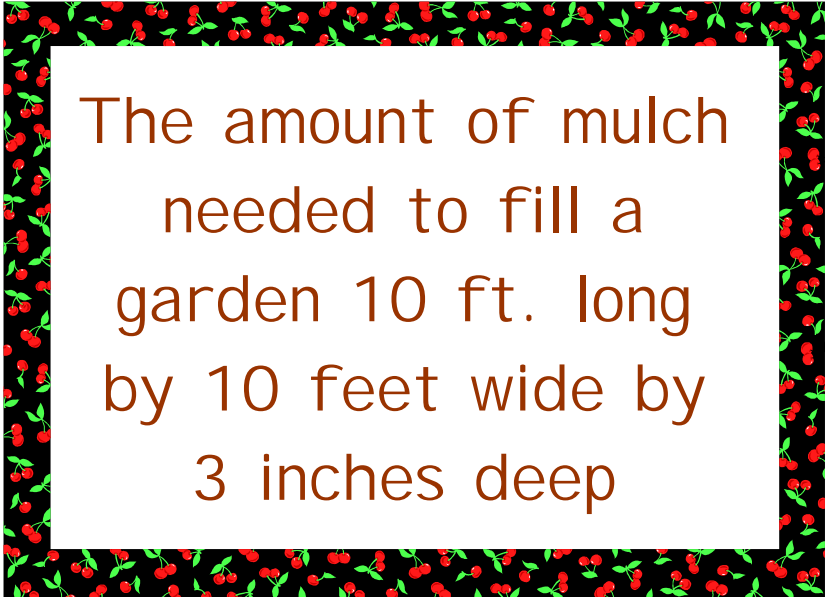
1 ft.

1 ft³



cubic yard

1 yd³



The amount of mulch
needed to fill a
garden 10 ft. long
by 10 feet wide by
3 inches deep