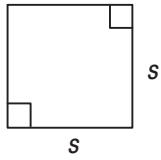
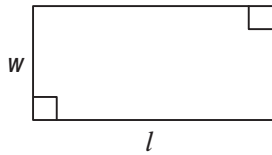


## 2007 Grade 7 Formula Sheet

Formulas that you may need to work questions on this test are found below.  
 You may refer back to this page at any time during the mathematics test.  
 You may use calculator  $\pi$  or the number 3.14.

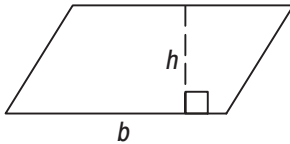


$$A = s \cdot s$$

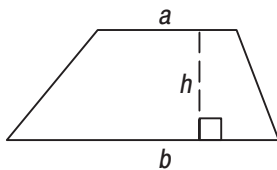


$$P = 2l + 2w$$

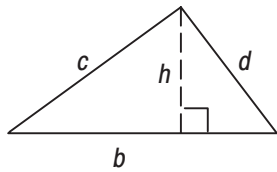
$$A = lw$$



$$A = bh$$

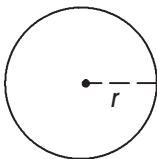


$$A = \frac{1}{2}h(a + b)$$



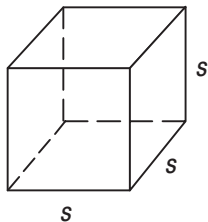
$$P = b + c + d$$

$$A = \frac{1}{2}bh$$

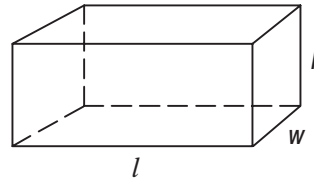


$$C = 2\pi r$$

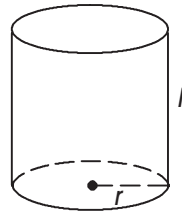
$$A = \pi r^2$$



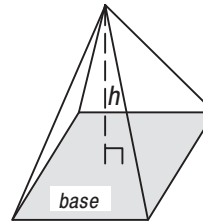
$$V = s \cdot s \cdot s$$



$$V = lwh$$



$$V = \pi r^2 h$$



$$V = \frac{1}{3} (\text{Area of the base}) \times h$$

### Customary Conversions :

1 yard (yd) = 3 feet (ft)

1 foot = 12 inches (in.)

1 pound (lb) = 16 ounces (oz.)

1 gallon (gal) = 4 quarts (qt)

1 quart = 2 pints (pt)

1 pint = 2 cups (c)

1 cup = 8 fluid ounces

1 day = 24 hours (hr)

1 hour = 60 minutes (min)

1 minute = 60 seconds (sec)

### Metric Conversions :

1 kilometer = 1000 meters

1 hectometer = 100 meters

1 dekameter = 10 meters

1 meter

1 decimeter = 0.1 meter

1 centimeter = 0.01 meter

1 millimeter = 0.001 meter