

## Formulas

Below are formulas you may find useful as you work the problems. However, some of the formulas may not be used. You may refer to this page as you take the test.

POSTTEST

### Area

Rectangle and Parallelogram  $A = b \times h$

Triangle  $A = \frac{1}{2} \times b \times h$

Circle  $A = \pi \times r^2$

### Volume

Rectangular Prism  $V = l \times w \times h$

Cube  $V = s^3$

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

Cone  $V = \frac{1}{3}(\pi \times r^2 \times h)$

Rectangular Pyramid  $V = \frac{1}{3}(l \times w \times h)$

### Surface Area

Rectangular Prism

$SA = 2(l \times w) + 2(l \times h) + 2(w \times h)$

Cylinder  $SA = 2\pi r^2 + 2\pi rh$

Cube  $SA = 6s^2$

### Circumference

$C = \pi \times d$

$\pi \approx 3.14$

PLEASE STOP! DO NOT GO  
ON TO THE NEXT PAGE.

