

Mathematics Locator Reference Sheet

Perimeter

Rectangle $P = 2l + 2w$

Area

Rectangle $A = lw$

P = perimeter

A = area

l = length

w = width

Quadratic Formula

For $ax^2 + bx + c = 0$, $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$



Mathematics Level E Reference Sheet

Perimeter

Rectangle $P = 2l + 2w$

Area

Rectangle $A = lw$

P = perimeter

A = area

l = length

w = width



TESTS OF
ADULT BASIC
EDUCATION

TABE 11 & 12

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Mathematics Level M Reference Sheet

Perimeter

Rectangle $P = 2l + 2w$

Area

Rectangle $A = lw$

Volume

Rectangular Prism $V = lwh$

P = perimeter

A = area

l = length

w = width

V = volume

h = height

Conversions

1 meter = 100 centimeters



Mathematics Level D Reference Sheet

Perimeter

Rectangle $P = 2l + 2w$

Circumference

Circle $C = 2\pi r$

Area

Rectangle $A = lw$

Circle $A = \pi r^2$

P = perimeter
 C = circumference
 A = area
 l = length
 w = width
 V = volume
 r = radius

Pythagorean Theorem

$$a^2 + b^2 = c^2$$

Conversions

1 mile = 5,280 feet

1 hour = 60 minutes

1 minute = 60 seconds

Mathematics Level A Reference Sheet

Area

Rectangle $A = lw$

Circle $A = \pi r^2$

Volume

Rectangular Prism $V = lwh$

Cylinder $V = \pi r^2 h$

Pyramid $V = \frac{1}{3}Bh$

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

P = perimeter

C = circumference

A = area

l = length

w = width

V = volume

r = radius

h = height

B = area of base

Quadratic Formula

For $ax^2 + bx + c = 0$, $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

Conversions

1 foot = 12 inches

1 kilometer = 0.62 miles

1 ounce = 28.35 grams

1 gallon = 3.8 liters

1 day = 24 hours

1 hour = 60 minutes

1 minute = 60 seconds