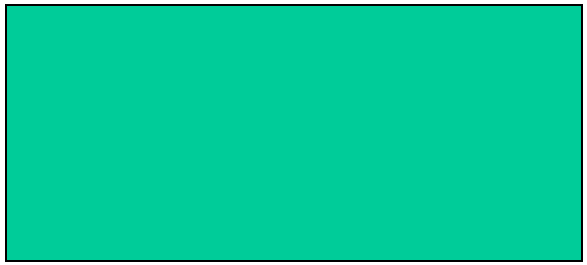
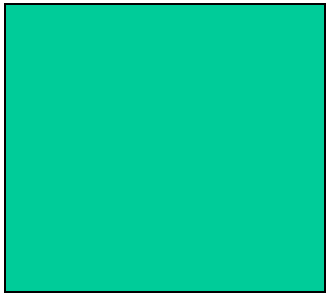
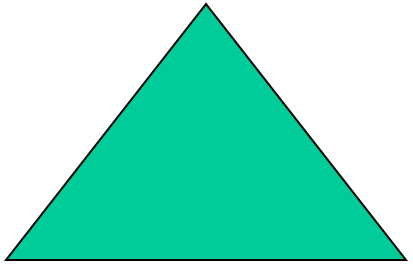
Applying Geometric Formulas

(Middle School Math)



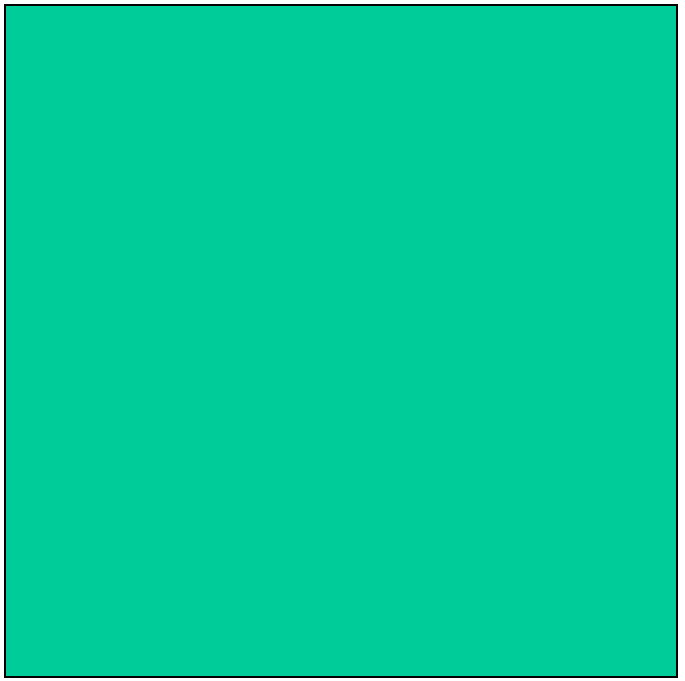


Geometric Formulas



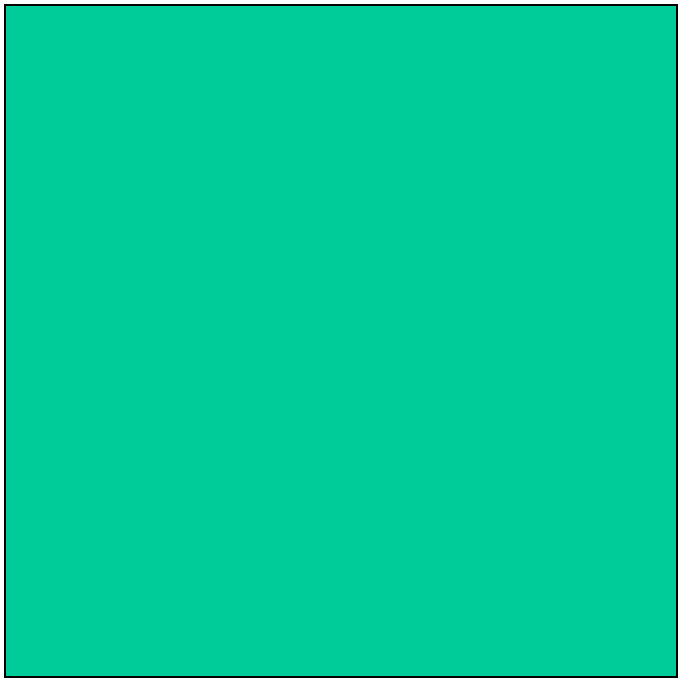
PERIMETER OF A SQUARE

$P = 4s$



AREA OF A SQUARE

$A=s^2$



Area of a Square

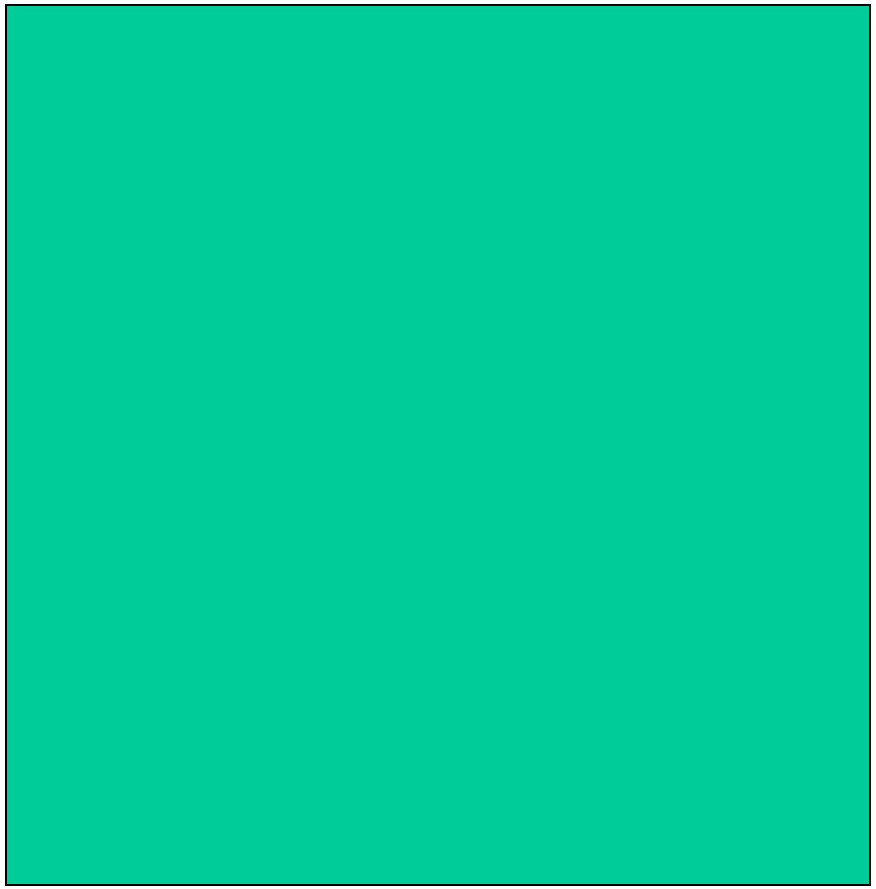
$A=s^2$

A= 3 in.x3 in.

A=9 sq. in.

3 in.

3 in.



Perimeter of a Square

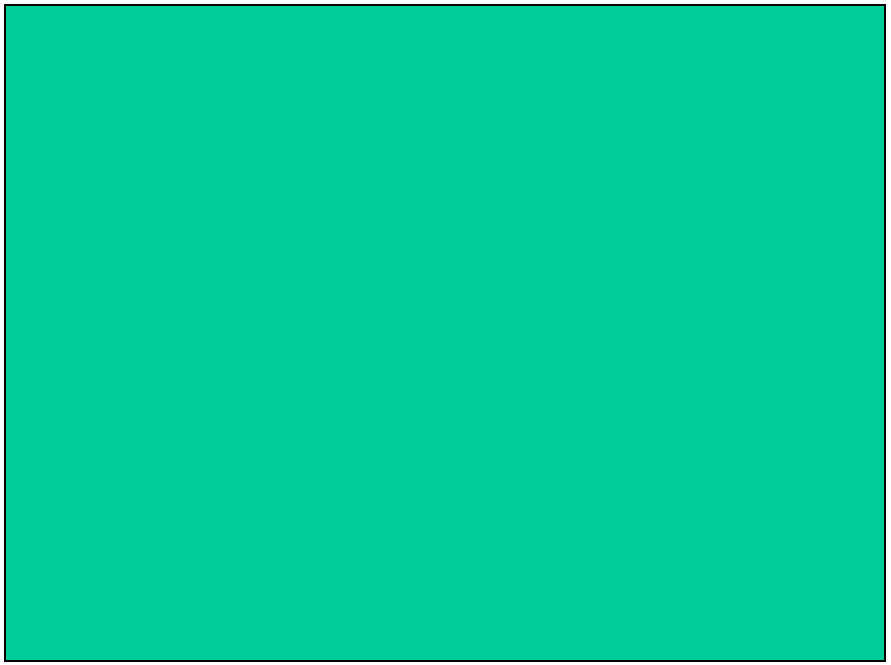
P=4s

P=4(3 in.)

P=12 in.

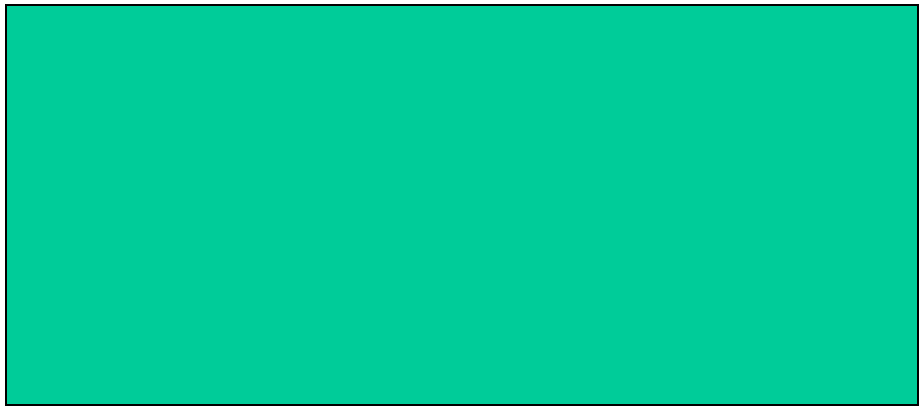
PERIMETER OF A RECTANGLE

$P=2l+2w$



AREA OF A RECTANGLE

$A=lw$



Perimeter of a Rectangle

P=2l+2w

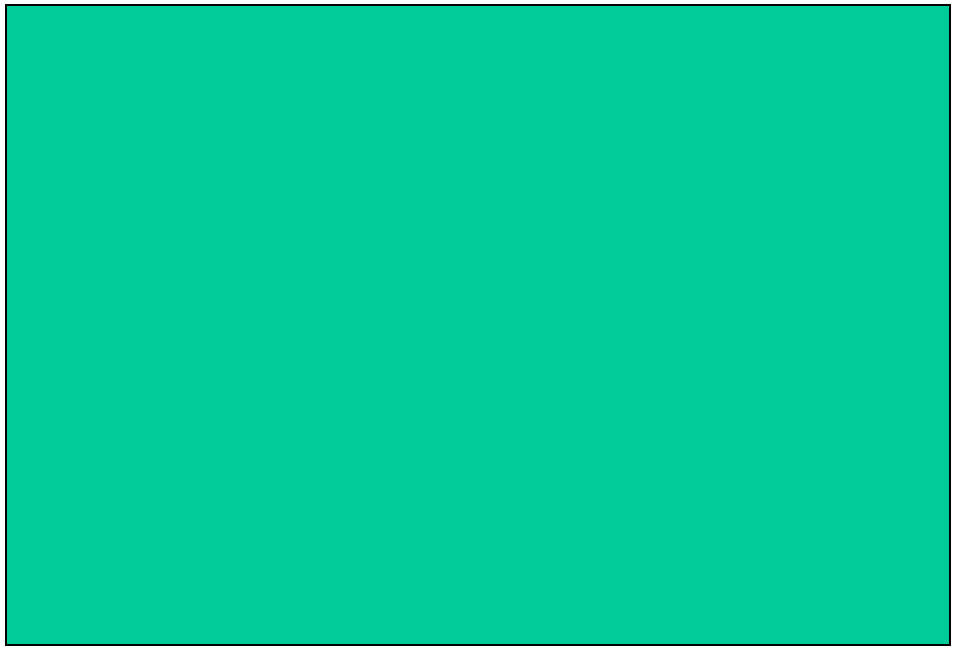
P=2(3 in.) + 2 (2in.)

P=6 in. + 4 in.

P=10 in.

3 in.

2 in.



Area of a Rectangle

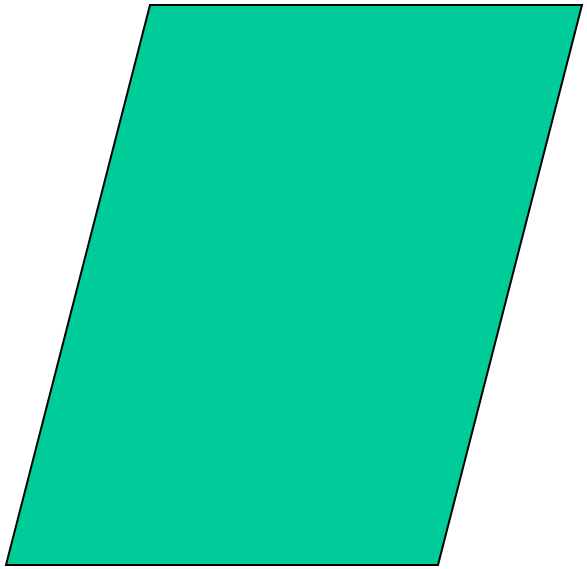
A=lw

A=3 in.(2 in.)

A=6sq. in.

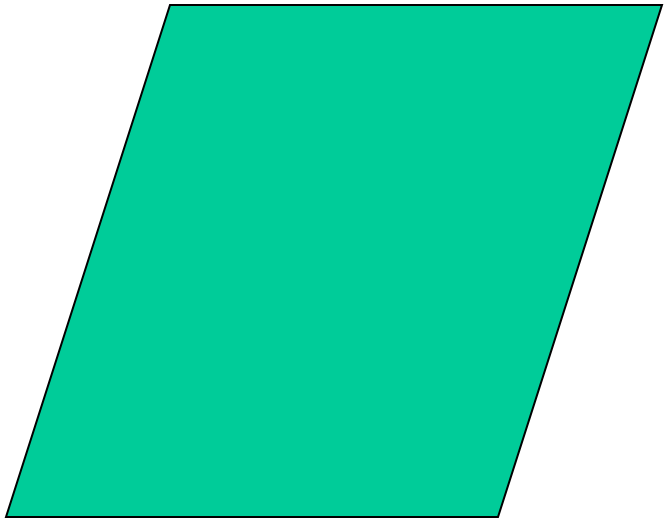
PERIMETER OF A PARALLELOGRAM

$P=2b+2s$



AREA OF A PARALLELOGRAM

$A=bh$



Perimeter of a Parallelogram

P=2b+2s

P=2(12 in.) + 2(9in.)

P= 24 in. + 18 in.

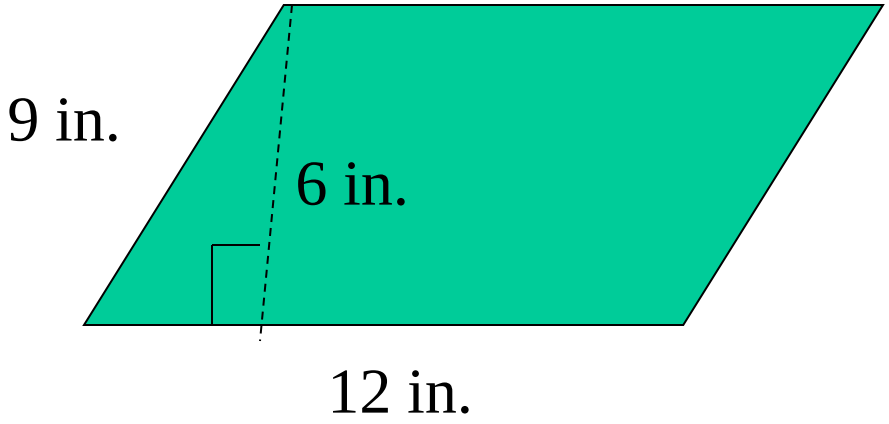
P= 42 in.

Area of a Parallelogram

A=bh

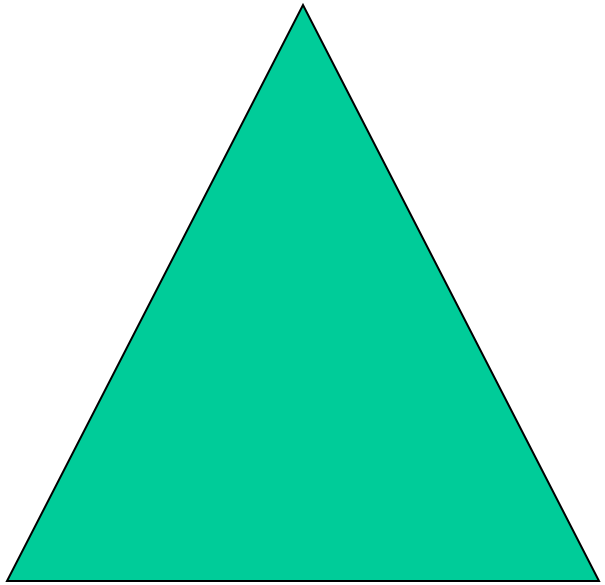
A= 12 in.(6 in.)

A= 72 sq. in.



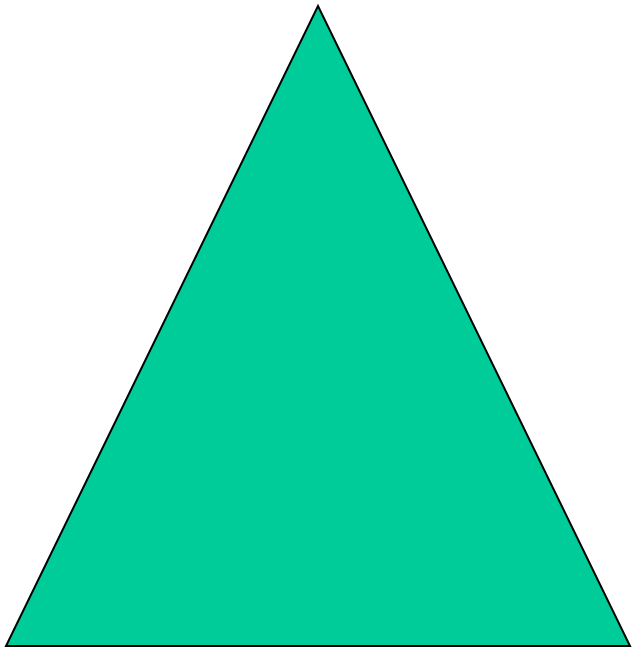
PERIMETER OF A TRIANGLE

$P = s_1 + s_2 + s_3$



AREA OF A TRIANGLE

$A=1/2bh$

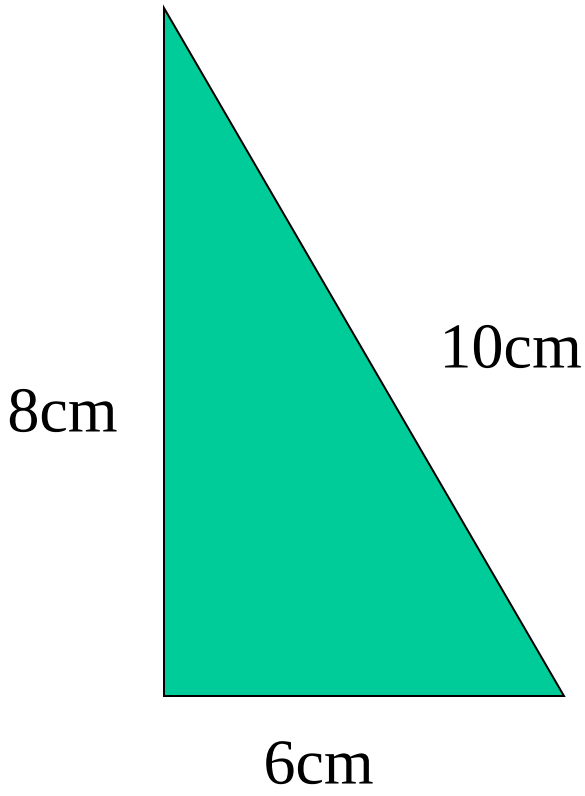


Perimeter of a Triangle

$P=s_1 + s_2 + s_3$

P=8cm+10cm+6cm

P= 24 cm



Area of a Triangle

A= 1/2bh

A=1/2(6cm x 8cm)

A= ½(48cm)

A= 24 sq. cm.