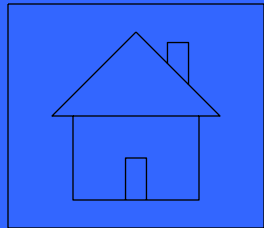


Basic Geometry	Transformations	Area and Perimeter	Ratio & Proportion	Mixed Review
1pt	1 pt	1 pt	1pt	1 pt
2 pt	2 pt	2pt	2pt	2 pt
3 pt	3 pt	3 pt	3 pt	3 pt
4 pt	4 pt	4pt	4 pt	4pt
5pt	5 pt	5 pt	5 pt	5 pt

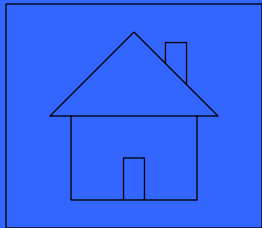
- A line that goes through the center of a circle

What is the
diameter?



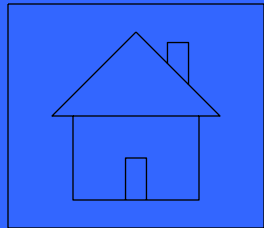
All squares are this

What is similar?



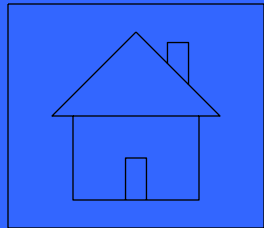
Has the same
shape and the
same size

What is
congruent?



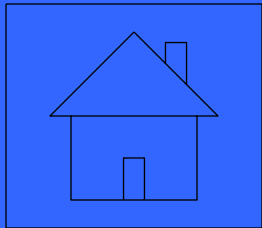
Half of the
diameter

What is
the
radius?



How do you find
perimeter of a polygon?

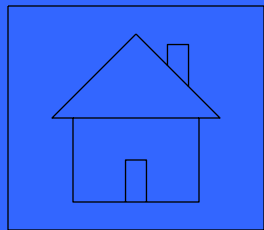
What is “add
all the sides?”



These include
reflections,
translations, and
rotations

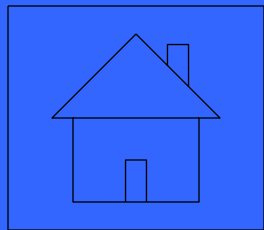
What are:

TRANSFORMATIONS



An object is reflected
from quadrant I to
quadrant IV across
which axis

A reflection over the x axis



A triangle is rotated 90°
from its original
position of :

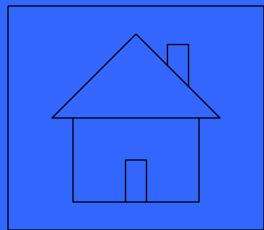
A: (2,1) B: (4,3) C:(5,0)

What are the new (x,y)

What is

A: (1, -2) B: (3, -4)

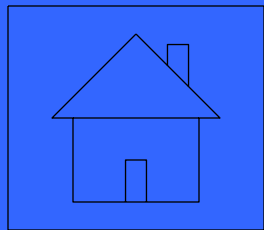
C: (0, -5)



Identify the following as
to what type of
transformation?

$$(x + 3, y - 6)$$

What is a translation



Identify each type of transformation and describe.

1. $(2x, 2y)$

2. $(3, -5)$ becomes $(-3, -5)$

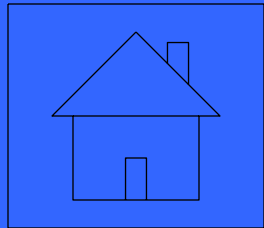
3. $(4, 3)$ becomes $(3, -4)$

What is :

1. Dilation

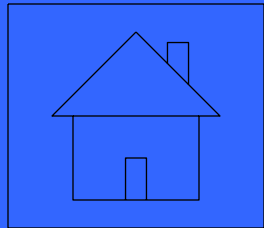
2. Reflection across y

3. Rotation 90°



What is the formula
 $C = \pi D$ finding?

What is circumference?

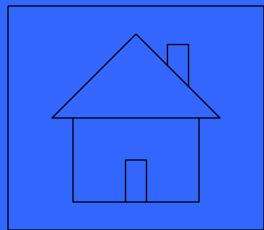


Find the area of a
triangle having a base
of 6ft. and height of 4ft.

What is

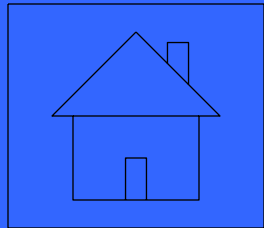
$$\text{Area} = \frac{1}{2} B H$$

12 feet².



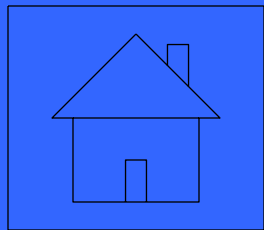
Find the area of a trapezoid having a height of 6, base 1 of 8, base 2 of 10 in.?

What is 54 in.^2



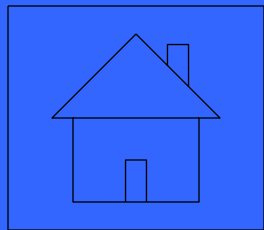
The area of the original triangle is 12. Find the area with a SF of 3?

What is 108
 in^2 ?



A rectangle has an area of 15 cm^2 , its similar rectangle has an area of 240 cm^2 . What is the scale factor?

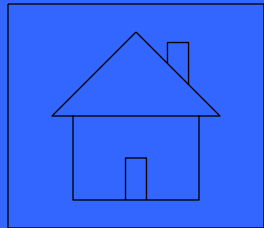
What is a SF of 4
or 1:4?



A comparison
between 2
amounts

What is

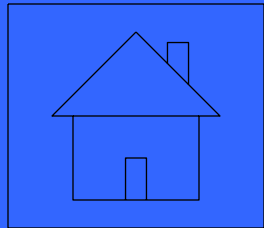
A ratio



Are the following
ratios proportional?

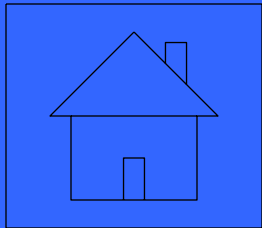
$45/60$ & $15/20$

What is YES



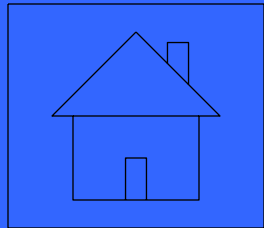
Set up and solve: the ratio between 2 triangles is 3:2- & if the corresponding sides are 9 and X, find the missing side length.

What is 6



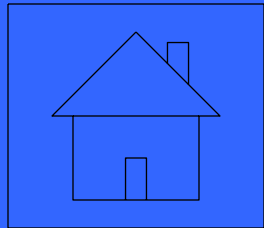
These 3 ratios:
 $9/12$, $15/20$, $36/48$
are equal to

What is 3:4?



unit rate of 100
feet per 20 seconds
is

What is 5
feet/second

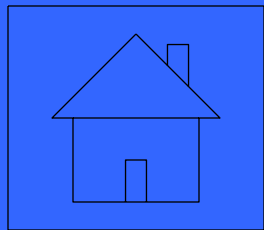


Simplify

$10/45$

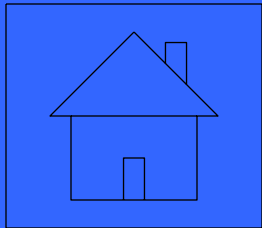
What is

2/9



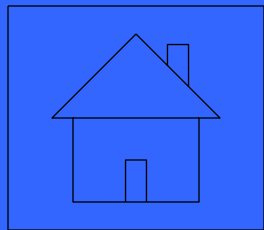
If a figure is
enlarged 2 times
bigger and the
original area is 15,
what is the new
area?

What is 60

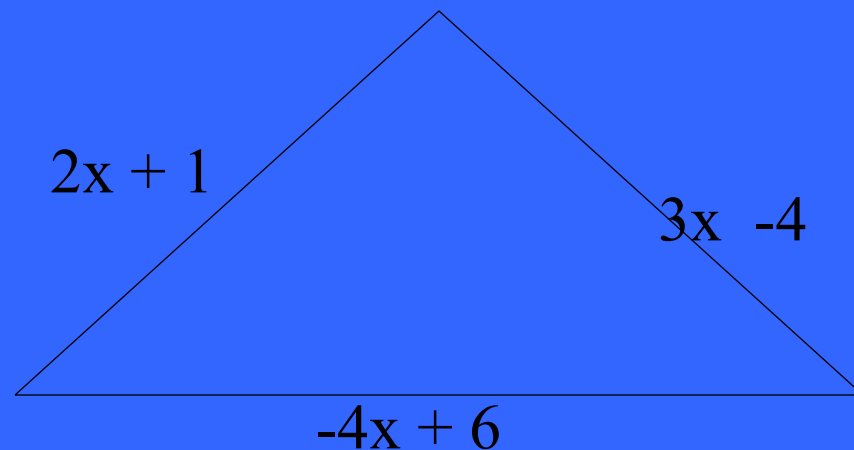


If $m = -3$ and $n = 7$,
what does $4m + 6n$
equal?

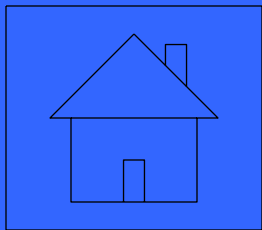
What is 30?



Which expression gives the perimeter of the triangle?



What is $X + 3$?



The scale factor is
4; the original
area is 20. What
is the new area?

What is
320?

