Name: Block:

Intro to Geometry 5 - Review
Check your answers against those on my website as you work! Don't wait until you're done.

Write the formula for the area of each shape:

Triangle   Square   Rectangle   Circle

Compute the area:

1. A triangle with base 18cm and height 4cm.   3. A rectangle with side lengths 19u and 12u.

2. A square with side length 10cm.   4. A circle with radius 2.5m.

Solve for the missing value:

1) A triangle with area 60cm^2 and base 40cm.   3) A rectangle with area 14cm^2 and side 100cm.

2) A square with area 169cm^2.   4) A circle with area 900cm^2.

Estimate, then check: Square root of 994   Square root of 17   Square root of 203

Solve: $2.5A^2 = 250$ $15B^2 - 15 = 225$ $2C^3 + 50 = 300$

What is the side length of a square with area 520cm^2? What if its area is 49m^2?

What is the side length of a cube with volume 201cm^3? What if its volume is 1425m^3?

Compute the area:

1. A triangle with base 4cm and height 14cm.

2. A square with side length 1.2m.

3. A rectangle with sides 19mm and 21mm.

4. A circle with a circumference of 75cm.

Solve: $D^2 + 25^2 = 40^2$ $3M^2 - 11^3 = 16^2$ $4N^3 - 49 = 9^3$

Estimate, then check: Cube root of 995   Cube root of 420   Cube root of 813

Determine the area: