Math4020
Midterm 1
Formula Sheet

Angle sum for polygon: 180(n – 2)

Regular Polygon Angle measures:

$$\frac{360}{n}$$

$$\frac{180(n-2)}{n}$$

Pythagorean Theorem:
For a right triangle with legs of length a and b, and hypotenuse of length c, $a^2+b^2=c^2$.

Area:

Rectangle	bh
Square	s^2
Trapezoid	$\frac{h}{2}(a+b)$
Parallelogram	bh
Circle	πr^2

Conversions:
5280 ft = 1 mile
1 pint = 2 cups
1 cup = 8 ounces
1 cc = 1 ml
1 square mile = 640 acres
2.54 cm = 1 inch
1 ounce = 1.8 inches cubed
F = 1.8 C + 32 (where F = degrees Fahrenheit and C = degrees Celsius)