

Math 1201

Midyear Exam

Formula Sheet 1201 Math

Conversions:

1) $1\text{ft} = 12\text{in}$

2) $1\text{yd} = 3\text{ft}$

3) $1\text{mi} = 1760\text{yd}$

4) $1\text{in} = 2.5\text{cm}$

5) $1\text{mi} = 1.6\text{km}$

Surface Area formulas:

1) Surface area of a Cone: $SA = \pi rs + \pi r^2$

2) Surface area of a Sphere: $SA = 4\pi r^2$

3) Surface area of a Cylinder: $SA = 2\pi r^2 + 2\pi rh$

Volume formulas:

1) Volume of a Pyramid: $V = \frac{1}{3}LWH$

2) Volume of a Cone: $V = \frac{1}{3}\pi r^2 h$

3) Volume of a Sphere: $V = \frac{4}{3}\pi r^3$