

MA 152: College Algebra (Summer 2011)
Formulas Not Given on Exams

1. Perimeter of a rectangle: $P = 2l + 2w$

2. Area of a rectangle: $A = lw$

3. Area of a triangle: $A = \frac{lw}{2}$

4. Distance formula: $d = rt$

5. Slope formula: $m = \frac{y_2 - y_1}{x_2 - x_1}$

6. Point-slope form: $y - y_1 = m(x - x_1)$

7. Slope-intercept form: $y = mx + b$

8. General form: $Ax + By + C = 0$; ($A > 0$)

9. Standard form: $Ax + By = C$; ($A > 0$)

10. Simple interest formula: $I = prt$

11. Midpoint formula: $M = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$