

Math Foundations 30 Formula Sheet

$$I = Prt$$

$$A = P(1 + rt)$$

$$A = P(1 + i)^n$$

$$n(A \cup B) = n(A) + n(B) - n(A \cap B)$$

$$P(A \cup B) = P(A) + P(B) - P(A \cap B)$$

$$P(A \cap B) = P(A) * P(B|A)$$

$${}_n P_r = \frac{n!}{(n-r)!}$$

$${}_n C_r = \frac{n!}{r!(n-r)!}$$

$$\frac{n!}{a!b!c! \dots}$$

$$y = a \sin b(x - c) + d$$

$$y = a \cos b(x - c) + d$$