

## ♦ THE LUCKY 13 ♦

KEEP THIS PAGE AVAILABLE TO HELP YOU WITH EVERY CLASS. THE FORMULAS WILL BE FILLED IN WHEN EACH INDIVIDUAL UNIT IS DISCUSSED.

| Unit | Chapter | TOPIC | Formula                                     | Definition | Letters? | Units? |
|------|---------|-------|---------------------------------------------|------------|----------|--------|
|      |         |       | $d = \frac{d}{t}$ $v = \frac{v_f - v_i}{t}$ |            |          |        |
|      |         |       | $v = gt$                                    |            |          |        |
|      |         |       | $d = \left(\frac{1}{2}g\right)(t^2)$        |            |          |        |
|      |         |       | $a^2 + b^2 = c^2$                           |            |          |        |
|      |         |       | $W = mg$<br>$g = 10 \text{ m/s}^2$          |            |          |        |
|      |         |       | $F = ma$                                    |            |          |        |
|      |         |       | $p = mv$                                    |            |          |        |
|      |         |       | $w = Fd$                                    |            |          |        |
|      |         |       | $P = \frac{W}{t}$                           |            |          |        |
|      |         |       | $PE = mgh$                                  |            |          |        |
|      |         |       | $KE = \left(\frac{1}{2}m\right)(v^2)$       |            |          |        |
|      |         |       | $g = \frac{m_1 m_2}{d^2}$                   |            |          |        |