FORMULAS

PHYSICS

Force
$$F = ma$$

Power
$$P = \frac{w}{t}$$

Work
$$w = Fd$$

Wave relationship
$$v = f\lambda$$

Kinetic energy
$$KE = \frac{1}{2}mv^2$$

Potential energy
$$PE = mgh$$

Ohm's law
$$V = IR$$

MATHEMATICS

Rectangle
Area = ℓw
Perimeter = $2\ell + 2w$

Triangle
Area = $\frac{1}{2} bh$

Right triangle
Pythagorean formula: $c^2 = a^2 + b^2$

Circle
Area = πr^2
Circumference = $2\pi r$

NOTE FOR TECHNOLOGY TEST

Not all formulas necessary are listed, nor are all formulas listed used on this test.