**Newton’s 2nd Law**

Can you figure out where to put things in the circle? Give it a shot then check with me.

Equation: F = ma

Units: N = kg\*(m/s2)

ma = F = am

kicking bowling ball kicking basketball

EX 1: As a result of a serve, a tennis ball with a mass of 58g accelerates at 43 m/s2. What force is responsible? *(Hint: There is a little extra step.)*

EX 2: You pull a 12 kg wagon east with a force of 6 N. How much will the wagon accelerate? Draw a force diagram.