Personal Tutors
Chapter 9

Personal Tutor 9.1 - Solve an Equation

1. **Apply** Use the equation F = ma to determine the velocity in kilometers per hour of a baseball weighing 0.145 kg with a momentum of 27 kN.

2. **Starting Hint** Write out the equation first, and then write the numbers you know underneath each part.

Personal Tutor 9.2 - Ratios

1. **Apply** Determine whether 3:6 and 18:24 are equivalent.

2. **Starting Hint** Write each ratio as a fraction.