

1. Solve the following equations.

(a)  $4x - 17 = 35$

(b)  $13y + 4 = 5(y - 4)$

(c)  $\frac{2}{3}x - \frac{1}{6} = -\frac{5}{12}x + \frac{3}{2} - \frac{1}{6}x$

(d)  $\frac{2y-4}{5} = \frac{5y+13}{4} + \frac{y}{2}$

2. The sum of two consecutive odd integers is -148. Find the two integers.

3. Wayne County has a sales tax rate of 7%. How much does a used Honda Civic cost before tax, if the total cost of the car *including tax* is \$13,888.60?

