Card #1 Level 2

$$7 = x + 20$$

Card #2 Level 2

$$v - 7 = -8$$

Card #3 Level 2

$$-7r = 42$$

Card #4 Level 2

$$\frac{q}{6} = -3$$

Card #5 Level 2

$$2x - 4 = 16$$

Card #6 Level 2

$$-3(x + 4) = 27$$

Card #7 Level 2

$$20 + 6h = 10h$$

Card #8 Level 2

$$15y - 2y = 9y + 12$$

Card #9 Level 2

$$d + 8 - 3d = 5d - 6$$

Card #10 Level 3

$$4(p + 5) = 2 + 2(p - 3)$$

Card #11 Level 3

$$\frac{1}{4}(c - 3) = \frac{9}{4}$$

Card #12 Level 3

$$6\left(2h + \frac{1}{2}\right) = 14 - (8h - 1)$$

Card #13 Level 3

$$\frac{j - 7}{3} = 9$$

Card #14 Level 3

$$\frac{h}{3} + \frac{5h}{6} = 7$$

Card #15 Level 3

$$r + 7 - 3r = 5r - 3 + 2 - 7r$$

Card #16 Level 3

$$5(w - 2) + 6 = 2w + 10 + 3w - 14$$

Card #17 — Level 2

Write an equation to model the situation, then solve it.

How many packs of DVD's can you buy with 160 dollars if one pack costs 16 dollars?

Card #18 — Level 3

Write an equation to model the situation, then solve it.

Oceanside Bike Rental Shop charges 12 dollars plus 8 dollars an hour for renting a bike. Keith paid 76 dollars to rent a bike. How many hours did he pay to have the bike checked out?

Card #19 — Level 3

Write an equation to model the situation, then solve it.

Tim bought a soft drink for 2 dollars and 6 candy bars. He spent a total of 20 dollars. How much did each candy bar cost?

Card #20 — Level 2

Write an equation to model the situation, then solve it.

Tickets to a concert cost $25.00 each, including tax. Xavier has $150.00 and wants to get tickets for himself and some friends. How many friends can he invite?

Card #21 — Level 3

Write an equation to model the situation, then solve it.

Suzanne is going to rent a car while she is out of town. Car rental company A offers a flat rate of $35 per day plus $0.10 per mile. Car rental company B offers the same car for $25 per day plus $0.25 per mile. She will need the car for 5 days. How many miles would she need to drive for company A to be the better deal?