- (-4x-7)-(-5x-2) {evaluate} **[x-5]**
- A housefly can fly about 6.4 feet per second. At this rate, how far can it fly in 25 seconds? Use the distributive property **[25(6+0.4)] = 25(6)+25(0.4) = 160]**
- If *C*=8; evaluate for the expression *C*-3+4 **[(8)-3+4=9]**
- What property is shown; *0+a=a* **Identity Property of addition**
- Factor the expression 25x+120 **5(5x+24)**
- 2(x+3)+(3x+1) **5x+4**
- Factor the expression; 3x+9 **3(x+3)**
- The area of a rectangular dance floor is (4x-8) square units. Factor 4x-8 to find possible dimensions of the dance floor **1 by (4x-8) or 2 by (2x-4) or 4 by (x-2)**
- Find the GCF of each pair of monomials; 42mnx, 14mn **14mn**
- Identify the *terms, coefficients,* and *constants* in the expression (make a list)
    - 6n-7n-4+n terms: 6n, -7n, -4, n; **coeff: 6,-7, 1; Constant: -4**
- [evaluate] 5(xyz-3)+(3xyz-14) **8xyz-29**
- Carlos wants to buy an Xbox one. He already has $40 and the total cost is $125. He plans to save $12 a week. After how many weeks will he be able to buy it? **125=12x+40; after the 7th week**
- An equilateral triangle has side lengths of 4x+3. What is the perimeter in terms of x? **12x+9**
- A team is buying uniforms. The jersey is $25.27 each and shorts are $20.75. There are seven girls on the team. What is the total cost for the full team? **7(25.27+20.75); $322.14**
- Stacy buys shirts cost $10 each. Dresses cost $15.75 each. What was her total cost if she bought 6 of each? **6(10+15.75); $154.50**