

Word Problems for 21st Century Learning * 5th & 6th Grade Levels

- Selling boxes of cookies to raise money for her scout troop, Kathy sold 2 boxes to each nearby relative. She sold eleven boxes to friends at school. In the equation $2r + 11 = 17$ which represents how many she sold determine how many boxes of cookies, Kathy sold to relatives.

A. 5 B. 6 C. **4** D. 3

What can be added to 11 to = 17? It is (8) then $2(4) + 11 = 17$
- A project for Danny's science at school is to sell Atkins health bars. Each family member bought 3 bars each. Dan sold 12 to some hungry buddies. Mary used the equation $3m + 12 = 30$ to determine how many bars sold. Help Mary determine how many bars she sold to family members.

A. **6** B. 5 C. 7 D. 8

What can be added to 12 to = 30? It is (18) then $3(6) + 12 = 30$
- Working at a local ice cream parlor, Patty worked after school and worked hard. In charge of ice cream cones, she dipped 3 cones for each friend and 25 for individual customers. Using the equation $40 = 3f + 25$ determine how many ice cream cones Patty dipped after school one evening.

A. **5** B. 7 C. 8 D. 6

What can be added to 25 to = 40? It is (15) then $40 = 3(5) + 25$
- Selling small nut bread cakes to raise money for her church youth group, Tom sold 4 cakes to each nearby neighbors. He sold 9 cakes to friends at school. In the equation $17 = 4n + 9$, which represents how many cakes he sold, determine how many small nut bread cakes, Tom sold to neighbors.

A. 5 B. 3 C. **2** D. none

What can be added to 9 to = 17? It is (8) then $17 = 4(2) + 9$
- A community project motivated Rick to sell 6 packs of bottled water. Nearby relatives bought 2 packs each. Rick sold 7 to some thirsty friends. Rick uses the equation $2r + 12 = 30$ to determine how many packs sold. Assist Rick to determine the number of packs sold to relatives.

A. **9** B. 6 C. 7 D. 5

What can be added to 12 to = 30? It is (18) then $2(9) + 12 = 30$
- Working at a Game and Video Exchange store, Steve worked after school. In charge of cash register, he sold 10 games to each of his friends and 15 to individual customers. Using the equation $45 = 10g + 15$ determine how many television games Steve sold after school to his friends.

A. 11 B. 4 C. 12 D. **3**

What can be added to 15 to = 45? It is (30) then $45 = 10(3) + 15$