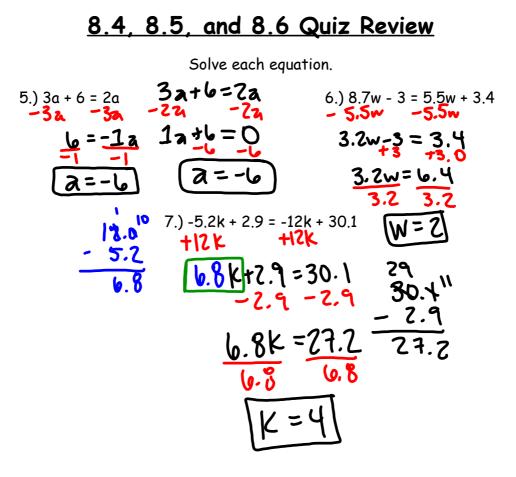


8.4, 8.5, and 8.6 Quiz Review

4.) Talia buys 4 boxes of cereal. She has coupons for \$1.15 off the regular price of each box of cereal. After using the coupons, the total cost of the cereal is \$8.40. Write and solve an equation to find the regular price of each box of cereal. After C be the regular price of each box of cereal. 4(C-1.15) = 8.40 4(C-1.15) = 8.40 4(C-1.15) = 8.40 4(C-1.15) = 8.40 4(C-1.15) = 2.10 1.15 + 1.15C = 8.75



8.4, 8.5, and 8.6 Quiz Review

8.) An online DVD rental club has two membership plans. Plan A charges a membership fee of \$20 plus \$5 cost per month. Plan B charges a membership fee of \$30 plus \$3 cost per month. Write and solve an equation to find how many months it would take for the total cost of the two plans to be the same. Act m be the number of moltths. 20+5m = 30+3m-3m20+2m = 30-202m = 102 m = 5 months

8.4, 8.5, and 8.6 Quiz Review

9.) Write an inequality for each sentence: Jeremiah can spend at most \$15 at the store. $j \leq 15$ For the given value, state whether each inequality is true or false. 10.) x + 6 > 7 when x = 2 2+6 > 7 When x = 2 11.) 16 \leq 4a when a = 4 16 \leq 4 \cdot 4 18 when x = 3 18 > 18 X FALSE