

**Solve two-step linear equations and inequalities in one variable over the rational numbers, interpret the solution or solutions in the context from which they arose, and verify the reasonableness of the results. 7AF4.1**

85. In the inequality  $2x + \$10,000 \geq \$70,000$ ,  $x$  represents the salary of an employee in a school district. Which phrase most accurately describes the employee's salary?

A At least \$30,000  
B At most \$30,000  
C Less than \$30,000  
D More than \$30,000

86. Solve for  $x$ .

$$2x - 3 = 7$$

A  $-5$   
B  $-2$   
C  $2$   
D  $5$

87. Solve for  $n$ .

$$2n + 3 < 17$$

A  $n < 2$   
B  $n < 3$   
C  $n < 5$   
D  $n < 7$

88. The owner of an apple orchard ships apples in boxes that weigh 2 kilograms (kg) when empty. The average apple weighs 0.25 kg, and the total weight of a box filled with apples is 12 kg. How many apples are packed in each box?

A 14  
B 40  
C 48  
D 56

89. Brad bought a \$6 binder and several packs of paper that cost \$0.60 each. If his total was \$13.20, how many packs of paper did Brad buy?

A 2  
B 6  
C 12  
D 22