

Two-Step #2

Date _____ Period _____

Solve each equation.

1) $-11 = -9 + \frac{a}{10}$

2) $-50 = -8b + 6$

3) $18 = 2 + 2n$

4) $2 = -1 + \frac{x}{4}$

5) $135 = -5 - 10b$

6) $-8 + \frac{b}{3} = -6$

7) $-91 = -6 - 5b$

8) $\frac{x}{2} + 8 = 16$

9) $-33 = 5b + 7$

10) $-x + 1 = -12$

11) $7 + 7x = -42$

12) $-4 = 4n - 8$

13) $-4 + \frac{k}{14} = -5$

14) $142 = -2 - 8b$

15) $5(5 + 5b) = -125$

16) $329 = -7(-5v - 7)$

17) BONUS: $-235 = 7(8 - 6x) + 3$

18) BONUS: $2m + 3(1 - 8m) = 91$

5 Zorna weighs 92 lb. Her weight is 6 lb more than half of her father's weight. How much does her father weigh?

6 A banana has 85 calories. This is 10 calories less than one eighth of the calories in a banana split. How many calories are in a banana split?

7 The Space Club is having some posters printed. The printer charges \$250 plus \$2 per poster. How many posters can be printed for \$1000?

8 Pizzazz Publications is having some books printed. The printer charges \$800 plus \$5 per book. How many books can be printed for \$4000?

9 Mr. Glock's car broke down on the turnpike. Acme Towing charged \$30 plus \$3 per mile to tow the car. If Mr. Glock paid \$117, how far was the car towed?

10 Rolex worked 40 hours last week. He had \$74 deducted from his earnings for taxes. If he had \$286 left after the deduction, how much does Rolex earn per hour?

answers							
G 13	O 640	E \$11	U 276	N 375	P 32 mi		
S 168 lb	J 16	R 29 mi	L 470	C 820 cal	T \$9		
D 760 cal	A 41 yd			I 172 lb	H 36 yd		