Integrated Math 1                              Name_____

# Midterm Review 2018 - Unit 2                 Date_____

**Solve each equation.**

1) $x + 7 = 20$

2) $x - 15 = -28$

3) $-38 = n - 18$

4) $-17 = 3 + x$

5) $-10 + x = -11$

6) $20 = n + 9$

7) $7 = \dfrac{n}{18}$

8) $\dfrac{b}{15} = -16$

9) $\dfrac{n}{7} = 13$

10) $-38 = 19p$

11) $-15 = \dfrac{p}{10}$

12) $-6 = \dfrac{x}{6}$

13) $25 = -2x + 9$

14) $2n + 4 = -34$

15) $\dfrac{-8 + v}{12} = -2$

16) $-1 = \dfrac{p - 7}{16}$

17) $-9(9 + n) = -153$

18) $-7 = 1 + \dfrac{k}{2}$

19) $6v + 3 = 15$

20) $-4(-9 + x) = 32$

21) $80 = 10(-10 + x)$

22) $7 + \dfrac{n}{2} = 17$

23) Imani won 65 pieces of gum playing the bean bag toss at her school's game night. Later, she gave one to each of her friends. She only has 49 remaining. How many did she give away?

24) Julia won 55 pieces of gum playing the bean bag toss at her school's game night. Later, she gave one to each of her friends. She only has 28 remaining. How many did she give away?

25) Maria wants to buy a radio for $64. She gives the cashier $80. What is her change?

26) Huong ran 8 miles less than Pranav last week. Huong ran 19 miles. How many miles did Pranav run?

27) Diapers cost $6 / package. How many packages did Gabriella buy if she spent $54?

28) Brenda and nine of her friends went out to eat. They decided to split the bill evenly. Each person paid $11. What was the total bill?

29) Lisa and her best friend found some money in an envelope. They split the money evenly, each getting $21.96. How much money did they find?

30) At a restaurant, Paul and his four friends decided to divide the bill evenly. If each person paid $13.93, then what was the total bill?

31) Jose won 43 super bouncy balls playing the bean bag toss at the county fair. At school he gave two to every student in his math class. He only has 3 remaining. How many students are in his class?

32) Jennifer won 70 lollipops playing horseshoes at her school's game night. Later, she gave two to each of her friends. She only has 8 remaining. How many friends does she have?

33) Castel won 64 super bouncy balls playing basketball at the county fair. At school he gave two to every student in his math class. He only has 2 remaining. How many students are in his class?

34) Mofor won 56 pieces of gum playing basketball at the county fair. At school he gave two to every student in his math class. He only has 2 remaining. How many students are in his class?