

Write an algebraic equation for each sentence.

- (a) 4 times my hourly wage is \$36**
- (b) If Sandi had earned \$8 more, she would have earned \$110**
- (c) Amab spent \$3 and has \$17 left**
- (d) \$5 more than Melina's savings is \$320**
- (e) one half of Carlo's pay is \$45**
- (f) Six added to one half a number is seven.**
- (g) the amount of snowfall decreased by 10 is 21cm.**
- (h) 5 times Dave's height increased by 45 is 785.**

Homework Grade 7 Equations Sheet #1-6

**Grade 7 Unit 6
Equations Sheet**

1. Write a sentence for each equation.
a) $n + 11 = 15$ b) $4n = 24$ c) $n/6 = 5$ d) $3n + 4 = 19$

2. Write an equation for each sentence.
a) Two more than five times a number is 17.

b) Shawn's age 9 years from now will be 23.

c) The perimeter of a regular hexagon with side length s centimetres is 42 cm.

d) The cost of three boxes of popcorn at \$3 each, and two drinks at x dollars each is \$17.

4. Write an equation to represent each situation.
- a) Samantha has 16 CDs. She has 4 more CDs than Marlene. How many CDs does Marlene have?
- b) Juni doubles the number of comic books he has, he will have 14 comic books. How many comic books does Juni have?
- c) Five more than three times a number is 17. What is the number?
- d) In the game of Yonder, a player scores x points for a Pika and 3 points for a Grinner. Samuel scored 20 points. He had 4 Gridders and 2 Pikas. How many points is one Pika worth?

5. Describe a situation that can be represented by the equation $2n + 3 = 15$.

6. Angelica is thinking of a number. She multiplies it by 5 and then adds 7. The result is 22. Write an equation to represent this situation.

Attachments

Worksheet 1 Grade 7 Equations Sheet PDF.pdf