

## Learning Target

I can set up and solve an equation to model a real world scenario.

Jan 30-10:58 AM

1. It costs \$12 to attend a golf clinic with a local pro. Buckets of balls for practice during the clinic cost \$3 each. How many buckets can you buy at the clinic if you have \$30 to spend?

Let  $b = \#$  buckets

Jan 30-10:13 AM

2. An online retailer charges \$6.99 plus \$0.55 per pound to ship electronic purchases. How many pounds is a DVD player for which the shipping charge is \$11.94?

Let  $p = \#$  pounds

Jan 30-10:19 AM

3. Tammy wants to rent a movie from the video store. The membership fee is \$15 per month, plus \$4 per video. If Tammy spent \$103 at the video store, how many videos did she rent? Let  $v = \#$  of videos

Jan 30-10:27 AM

4. Billy is saving up to buy a new cell phone. He has \$45 right now, and can save \$6 each month. If Billy wants to buy a phone that costs \$63, how many months does he have to save up? Let  $m = \#$  of months

Jan 30-10:30 AM

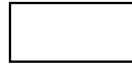
5. A gym membership costs \$12 per month, plus \$10 for each training session. If you spent \$62 at the gym in March, how many training sessions did you attend? Let  $t = \#$  of training sessions

Jan 30-10:31 AM

6. Betty wants to mail a package. The flat rate for mailing a package is \$14, plus \$2 per ounce. If Betty spent \$88 to mail her package, how many ounces was it? Let  $p = \#$  of ounces

Jan 30-10:32 AM

7. When the perimeter of a rectangle is 22 units and the width is 3 units less than the length. What is the length of the rectangle?



Jan 30-10:33 AM

8. April's age is twice Noona's age plus four years. If April is 32 years old, find Noona's age,  $n$ ?

Jan 30-10:34 AM

9. Lauren spent \$70 at the antique shop. She bought a table for \$44 and 2 chairs. What was the cost of 1 chair?

Jan 30-10:35 AM

10. One-third of a number( $n$ ) decreased by 12 is 14.

Jan 30-10:36 AM

11. Jeremy is celebrating his baby's first birthday. He spent \$100. He purchased a cake for \$30, a big balloon for \$10, and 10 birthday hats. What was the price of one hat?

$h = \$$  of hat

Jan 30-10:37 AM

**12. Jalen opens a savings account with \$125. Every month he deposits \$45 into his account from his paycheck. How many months will it take for him to save \$1250?**

Jan 30-10:39 AM

Check your equations and answers:

1.  $3b + 12 = 30$ ,  $b=6$       2.  $0.55p + 6.99 = 11.94$ ,  $p=4.95$

3.  $4v + 15 = 103$ ,  $v = 22$       4.  $6m + 45 = 63$ ,  $m=3$

5.  $10s + 12 = 62$ ,  $s = 5$       6.  $2p + 14 = 88$ ,  $p=37$

7.  $4L - 6 = 22$ ,  $L= 7$       8.  $2n + 4 = 32$ ,  $n=14$

9.  $2c + 44 = 70$ ,  $c = 13$       10.  $1/3n - 12 = 14$ ,  $n = 78$

11.  $100 = 30 + 10 + 10h$ ,  $h=6$

12.  $125 + 45m = 1250$ ,  $m = 24$

Jan 29-8:31 AM

Dec 6-1:58 PM