

Module 6 Lesson 4

Try This 9 - 11

The equation $M(n) = 16n + 500$ relates the mass of a CD wallet in grams to the number of CDs, n , in a CD wallet.

TT 9. For each of the given values of n in the table, evaluate each part of the equation. Then calculate the value of M . The first example has been done for you.

n	$16n$	500	M
10	$16(10) = 160$	500	$160 + 500 = 660$
20			
30			
40			

TT 10.

- Which term in the equation is fixed?
- What is the significance of the fixed term in the context of this question?

TT 11.

- Which term in the equation varies?
- What is the significance of the variable term in the context of this question?