

Module 6 Lesson 4

Try This 9 – 11 Possible Solutions

TT 9. The following is correct.

n	$16n$	500	M
10	$16(10) = 160$	500	$160 + 500 = 660$
20	$16(20) = 320$	500	$320 + 500 = 820$
30	$16(30) = 480$	500	$480 + 500 = 980$
40	$16(40) = 640$	500	$640 + 500 = 1140$

TT 10.

- a. The term 500 is fixed.
- b. This is the mass of the wallet without any CDs—500 g.

TT 11.

- a. The term $16n$ varies.
- b. This term gives the combined mass of the CDs in the wallet, depending on the number of CDs.