

12. Tripwire Check

Name: _____ **Class:** _____ **Date:** _____

Question: A bottle holds 750 mL for \$3.00. Another holds 1 L for \$4.00. Which is better value per 100 mL?

Bottle A:

$750 \div 100 = 7.5$ groups of 100 mL.

$\$3.00 \div 7.5 = \0.40 per 100 mL.

Bottle B:

$1,000 \div 100 = 10$ groups of 100 mL.

$\$4.00 \div 10 = \0.40 per 100 mL.

Answer: The bottles have equal mathematical value. The larger bottle is not automatically better.
