

# Daily MCAS

2009, Mathematics - Grade 7

Jack wrote the equation below on the board.

$$5 \frac{1}{4} - 2 \frac{3}{4} = 2 \frac{1}{2}$$

Which of the following expressions could Jack use to show that the equation is true?

A.  $2 \frac{3}{4} + 2 \frac{1}{2}$

B.  $2 \frac{1}{2} + 5 \frac{1}{4}$

C.  $2 \frac{1}{2} - 2 \frac{3}{4}$

D.  $2 \frac{3}{4} - 2 \frac{1}{2}$

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What is the value of the expression below, when  $n = 5$ ?

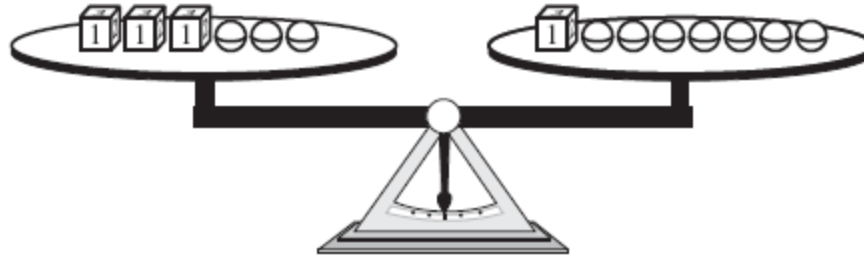
$$2.5n + 4$$

# Daily MCAS

2009, Mathematics - Grade 7

Leona had some marbles and some number cubes.  
Each marble weighed the same amount.  
Each number cube weighed 12 ounce.

Leona placed 3 number cubes and 3 marbles on one side of a scale. Then she placed 1 number cube and 7 marbles on the other side to balance the scale, as shown below.



What was the weight of 1 marble?

- A.  $\frac{1}{8}$  ounce      B.  $\frac{1}{4}$  ounce      C.  $\frac{1}{2}$  ounce      D. 1 ounce



# Daily MCAS

Thursday, February 11, 2010 – No MCAS



# Daily MCAS

Friday, February 12, 2010 – No MCAS