

## Simple Algebra

AMC5-8

Solve for the variables:

1.  $8 + 18/w = 14$

- a. 7                      b. 3                      c. 5                      d. 8

2.  $2 = s/12 - 3$

- a. 72                      b. 54                      c. 60                      d. 49

3.  $27 = 240/n - 3$

- a. 8                      b. 10                      c. 7                      d. 9

4.  $11 + 36/z = 17$

- a. 3                      b. 6                      c. 4                      d. 8

5.  $5 = s/10 - 5$

- a. 125                      b. 100                      c. 96                      d. 110

6.  $9y - 40 = 51$

- a. 12                      b. 7                      c. 9                      d. 6

7.  $144 = 0 + 12x$

- a. 20                      b. 15                      c. 10                      d. 12

8.  $225/y - 10 = 5$

- a. 9                      b. 15                      c. 25                      d. 10

9.  $75 + n - 17 = 100$

- a. 60                      b. 38                      c. 42                      d. 56

10.  $20 + 120/s = 40$

- a. 6                      b. 9                      c. 13                      d. 2