



Math Olympiad and Problem Solving Programs
E120 - Honors Algebra Problem Solving
Problem Set 7.2 - SAT Equations

Name:

Date:

1. B

2.

$$\begin{aligned} -25 + -24 + -23 + \dots + 23 + 24 + 25 &= 0 \\ -25 + -24 + -23 + \dots + 23 + 24 + 25 + 26 &= 26 \end{aligned}$$

There are $(26 - -25) + 1 = 26 + 25 + 1 = 52$ numbers from -25 to 26 inclusive. E

3. $\frac{6}{5}$

4. A

5. B

6. E

7. C

8. D

9. E

10. C