

Name: _____

Two Step Equations

Solve the equations. Determine the value of y or z.

1. $513 = 9 \cdot (29 + y)$ $y = 28$ 2. $280 = 40 \cdot (11 - y)$ $y = 4$

3. $494 = 26 \cdot (35 - z)$ $z = 16$ 4. $2,580 = 43 \cdot (20 + z)$ $z = 40$

5. $920 = 46 \cdot (50 - z)$ $z = 30$ 6. $1,316 = 28 \cdot (50 - y)$ $y = 3$

7. $132 = 6 \cdot (47 - z)$ $z = 25$ 8. $600 = 30 \cdot (14 + y)$ $y = 6$

9. $2,208 = 32 \cdot (25 + z)$ $z = 44$ 10. $140 = 35 \cdot (24 - z)$ $z = 20$