

Name: _____

Two Step Equations

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

1. $126 = 6 + y \cdot 8$ $y = 15$ 2. $46 = 10 \cdot z + 6$ $z = 4$

3. $54 = 11 \cdot z - 12$ $z = 6$ 4. $185 = 5 + 12 \cdot y$ $y = 15$

5. $81 = 13 \cdot z - 10$ $z = 7$ 6. $20 = 10 + z \cdot 10$ $z = 1$

7. $31 = 13 + y \cdot 6$ $y = 3$ 8. $144 = 12 + z \cdot 11$ $z = 12$

9. $65 = 13 + z \cdot 4$ $z = 13$ 10. $144 = 9 + 9 \cdot z$ $z = 15$