

Name: _____ Date: _____ Score: _____

Basic Algebra Operations

1. $b - 11 = 7$

$b = 7 + 11$

$b = 18$

2. $b \times 5 = 55$

$b =$

$b =$

3. $b \times 3 = 24$

$b =$

$b =$

4. $a - 1 = 2$

$a =$

$a =$

5. $a - 10 = 9$

$a =$

$a =$

6. $a \div 9 = 6$

$a =$

$a =$

7. $b \times 1 = 6$

$b =$

$b =$

8. $y \div 12 = 11$

$y =$

$y =$

9. $a - 11 = 8$

$a =$

$a =$

10. $y \times 7 = 7$

$y =$

$y =$

Answers

$$\begin{aligned} 1. \quad b - 11 &= 7 \\ b &= 7 + 11 \\ b &= 18 \end{aligned}$$

$$\begin{aligned} 2. \quad b \times 5 &= 55 \\ b &= 55 \div 5 \\ b &= 11 \end{aligned}$$

$$\begin{aligned} 3. \quad b \times 3 &= 24 \\ b &= 24 \div 3 \\ b &= 8 \end{aligned}$$

$$\begin{aligned} 4. \quad a - 1 &= 2 \\ a &= 2 + 1 \\ a &= 3 \end{aligned}$$

$$\begin{aligned} 5. \quad a - 10 &= 9 \\ a &= 9 + 10 \\ a &= 19 \end{aligned}$$

$$\begin{aligned} 6. \quad a \div 9 &= 6 \\ a &= 6 \times 9 \\ a &= 54 \end{aligned}$$

$$\begin{aligned} 7. \quad b \times 1 &= 6 \\ b &= 6 \div 1 \\ b &= 6 \end{aligned}$$

$$\begin{aligned} 8. \quad y \div 12 &= 11 \\ y &= 11 \times 12 \\ y &= 132 \end{aligned}$$

$$\begin{aligned} 9. \quad a - 11 &= 8 \\ a &= 8 + 11 \\ a &= 19 \end{aligned}$$

$$\begin{aligned} 10. \quad y \times 7 &= 7 \\ y &= 7 \div 7 \\ y &= 1 \end{aligned}$$