Evaluate the following expressions below (simplify your answer).

a. \(53 + x = ?\)
given that \(x = 100\)

b. \((150 \div a) \times 2 = ?\)
given that \(a = 3\)

c. \((40 + s) - 17 = ?\)
given that \(s = 1\)

d. \((150 - u) \div 12 = ?\)
given that \(u = 6\)
Evaluate variables expressions with whole numbers

Evaluate the following expressions below *(simplify your answer).*

<p>| | |</p>
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| **a.** | 53 + x = ?  
given that x = 100  
substitute 100 in place of x  
\[53 + x = 53 + 100\]  
Therefore, 53 + x = 153 |
| **b.** | (150 ÷ a) × 2 = ?  
given that a = 3  
substitute 3 in place of a  
\[(150 ÷ 3) × 2 = 50 × 2\]  
\[= 100\]  
Therefore, (150 ÷ a) × 2 = 100 |
| **c.** | (40 + s) - 17 = ?  
given that s = 1  
substitute 1 in place of s  
\[(40 + 1) - 17 = 41 - 17\]  
\[= 24\]  
Therefore, (40 + s) - 17 = 24 |
| **d.** | (150 - u) ÷ 12 = ?  
given that u = 6  
substitute 6 in place of u  
\[(150 - 6) ÷ 12 = 144 ÷ 12\]  
\[= 12\]  
Therefore, (150 - u) ÷ 12 = 12 |