Evaluating Expressions (A)

Evaluate each expression using the value given.

1. \( c \cdot c \div 4 \)  
   \((c = 5)\)
2. \( u + 4u \)  
   \((u = 6)\)
3. \( 2b - b \)  
   \((b = 9)\)
4. \( u \div u^2 \)  
   \((u = 2)\)
5. \( 5 + 3 - c \)  
   \((c = 8)\)

6. \( z^4 \div z \)  
   \((z = 1)\)
7. \( 7b \div b \)  
   \((b = 2)\)
8. \( (10 - 9) \cdot c \)  
   \((c = 10)\)
9. \( u + 4 + 8 \)  
   \((u = 2)\)
10. \( 10 + 2 - x \)  
    \((x = 6)\)
11. \( z \div (8 - z) \)  
    \((z = 1)\)
12. \( 6 - x \div 6 \)  
    \((x = 7)\)
13. \( (10 + y) \div y \)  
    \((y = 9)\)
14. \( z \cdot z \div z \)  
    \((z = 2)\)
15. \( c (6 - 2) \)  
    \((c = 4)\)
Evaluating Expressions (A) Answers

Evaluate each expression using the value given.

1. \[ c \cdot c \div \frac{4}{c} = \frac{25}{4} \quad (c = 5) \]
2. \[ u + 4u = 30 \quad (u = 6) \]
3. \[ 2b - b = 9 \quad (b = 9) \]
4. \[ u \div u^2 = \frac{1}{2} \quad (u = 2) \]
5. \[ 5 + 3 - c = 0 \quad (c = 8) \]
6. \[ z^4 \div z = 1 \quad (z = 1) \]
7. \[ 7b \div b = 7 \quad (b = 2) \]
8. \[ (10 - 9) \cdot c = 10 \quad (c = 10) \]
9. \[ u + 4 + 8 = 14 \quad (u = 2) \]
10. \[ 10 + 2 - x = 6 \quad (x = 6) \]
11. \[ z \div (8 - z) = \frac{1}{7} \quad (z = 1) \]
12. \[ 6 - x \div 6 = \frac{29}{6} \quad (x = 7) \]
13. \[ (10 + y) \div y = \frac{19}{9} \quad (y = 9) \]
14. \[ z \cdot z \div z = 2 \quad (z = 2) \]
15. \[ c (6 - 2) = 16 \quad (c = 4) \]
Evaluating Expressions (B)

Evaluate each expression using the value given.

1. \(10 + u - 9\)  
   \((u = 2)\)

2. \(8 \cdot 9 - b\)  
   \((b = 4)\)

3. \((7 + u) \cdot u\)  
   \((u = 1)\)

4. \(a(a - a)\)  
   \((a = 8)\)

5. \(a \cdot a - a\)  
   \((a = 7)\)

6. \(8^2 - b\)  
   \((b = 10)\)

7. \(v^2 - 6\)  
   \((v = 6)\)

8. \(v \div v + v\)  
   \((v = 10)\)

9. \(y \div (y \div y)\)  
   \((y = 6)\)

10. \(10 \div (b + 10)\)  
    \((b = 1)\)

11. \(7 \cdot 9 + v\)  
    \((v = 10)\)

12. \(u - 8 \div 3\)  
    \((u = 4)\)

13. \(y^2 + 2\)  
    \((y = 6)\)

14. \(b + 1 + 4\)  
    \((b = 6)\)

15. \((v - 3) \cdot 8\)  
    \((v = 7)\)
Evaluating Expressions (B) Answers

Evaluate each expression using the value given.

1. $10 + u - 9$
   \[ (u = 2) \]
   \[ = 3 \]

6. $8^2 - b$
   \[ (b = 10) \]
   \[ = 54 \]

11. $7 \cdot 9 + v$
    \[ (v = 10) \]
    \[ = 73 \]

2. $8 \cdot 9 - b$
   \[ (b = 4) \]
   \[ = 68 \]

7. $v^2 - 6$
   \[ (v = 6) \]
   \[ = 30 \]

12. $u - 8 \div 3$
    \[ (u = 4) \]
    \[ = \frac{4}{3} \]

3. $(7 + u) \cdot u$
   \[ (u = 1) \]
   \[ = 8 \]

8. $v \div v + v$
   \[ (v = 10) \]
   \[ = 11 \]

13. $y^2 + 2$
    \[ (y = 6) \]
    \[ = 38 \]

4. $a(a - a)$
   \[ (a = 8) \]
   \[ = 0 \]

9. $y \div (y \div y)$
   \[ (y = 6) \]
   \[ = 6 \]

14. $b + 1 + 4$
    \[ (b = 6) \]
    \[ = 11 \]

5. $a \cdot a - a$
   \[ (a = 7) \]
   \[ = 42 \]

10. $10 \div (b + 10)$
    \[ (b = 1) \]
    \[ = \frac{10}{11} \]

15. $(v - 3) \cdot 8$
    \[ (v = 7) \]
    \[ = 32 \]
<table>
<thead>
<tr>
<th>Expression</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. $x + x \cdot x$</td>
<td>$(x = 5)$</td>
</tr>
<tr>
<td>2. $a - 7 \div 8$</td>
<td>$(a = 9)$</td>
</tr>
<tr>
<td>3. $u^2 \cdot 5$</td>
<td>$(u = 3)$</td>
</tr>
<tr>
<td>4. $(6 + 2) \div c$</td>
<td>$(c = 9)$</td>
</tr>
<tr>
<td>5. $8 + x - x$</td>
<td>$(x = 9)$</td>
</tr>
<tr>
<td>6. $z \div z - z$</td>
<td>$(z = 1)$</td>
</tr>
<tr>
<td>7. $9 - (x - x)$</td>
<td>$(x = 8)$</td>
</tr>
<tr>
<td>8. $x \div 4 \div x$</td>
<td>$(x = 7)$</td>
</tr>
<tr>
<td>9. $(c \div c)^4$</td>
<td>$(c = 7)$</td>
</tr>
<tr>
<td>10. $(x - 2)^3$</td>
<td>$(x = 2)$</td>
</tr>
<tr>
<td>11. $(4 - c) \cdot c$</td>
<td>$(c = 3)$</td>
</tr>
<tr>
<td>12. $3 \div z \cdot z$</td>
<td>$(z = 10)$</td>
</tr>
<tr>
<td>13. $9b \div b$</td>
<td>$(b = 4)$</td>
</tr>
<tr>
<td>14. $(z - z)^3$</td>
<td>$(z = 6)$</td>
</tr>
<tr>
<td>15. $b \div 8 \cdot 10$</td>
<td>$(b = 8)$</td>
</tr>
</tbody>
</table>
Evaluating Expressions (C) Answers

Evaluate each expression using the value given.

1. \( x + x \cdot x \)  
   \( (x = 5) \)  
   \( = 30 \)

2. \( a - 7 \div 8 \)  
   \( (a = 9) \)  
   \( = \frac{65}{8} \)

3. \( u^2 \cdot 5 \)  
   \( (u = 3) \)  
   \( = 45 \)

4. \( (6 + 2) \div c \)  
   \( (c = 9) \)  
   \( = \frac{8}{9} \)

5. \( 8 + x - x \)  
   \( (x = 9) \)  
   \( = 8 \)

6. \( z \div z - z \)  
   \( (z = 1) \)  
   \( = 0 \)

7. \( 9 - (x - x) \)  
   \( (x = 8) \)  
   \( = 9 \)

8. \( x \div 4 \div x \)  
   \( (x = 7) \)  
   \( = \frac{1}{4} \)

9. \( (c \div c)^4 \)  
   \( (c = 7) \)  
   \( = 1 \)

10. \( (x - 2)^3 \)  
    \( (x = 2) \)  
    \( = 0 \)

11. \( (4 - c) \cdot c \)  
    \( (c = 3) \)  
    \( = 3 \)

12. \( 3 \div z \cdot z \)  
    \( (z = 10) \)  
    \( = 3 \)

13. \( 9b \div b \)  
    \( (b = 4) \)  
    \( = 9 \)

14. \( (z - z)^3 \)  
    \( (z = 6) \)  
    \( = 0 \)

15. \( b \div 8 \cdot 10 \)  
    \( (b = 8) \)  
    \( = 10 \)

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Evaluating Expressions (D)

Evaluate each expression using the value given.

1. \(x + x + 3\)  
   \((x = 2)\)

2. \(8 \div x - 1\)  
   \((x = 7)\)

3. \((9 - y) \div 7\)  
   \((y = 8)\)

4. \(v - v \div 9\)  
   \((v = 3)\)

5. \(u^3 + u\)  
   \((u = 4)\)

6. \(u(7 + u)\)  
   \((u = 4)\)

7. \(6z \div z\)  
   \((z = 5)\)

8. \(z^3 + 7\)  
   \((z = 1)\)

9. \(8 - c \div c\)  
   \((c = 3)\)

10. \((v - v)^2\)  
    \((v = 4)\)

11. \(2 \div (a \div a)\)  
    \((a = 4)\)

12. \(6 - u \cdot u\)  
    \((u = 2)\)

13. \(6 - (c - c)\)  
    \((c = 1)\)

14. \(x \div (6 - 4)\)  
    \((x = 5)\)

15. \(2 \cdot z \div 3\)  
    \((z = 10)\)
Evaluating Expressions (D) Answers

Evaluate each expression using the value given.

1. \(x + x + 3\)
   \((x = 2)\)
   \(= 7\)

2. \(8 \div x - 1\)
   \((x = 7)\)
   \(= \frac{1}{7}\)

3. \((9 - y) \div 7\)
   \((y = 8)\)
   \(= \frac{1}{7}\)

4. \(v - v \div 9\)
   \((v = 3)\)
   \(= \frac{8}{3}\)

5. \(u^3 + u\)
   \((u = 4)\)
   \(= 68\)

6. \(u(7 + u)\)
   \((u = 4)\)
   \(= 44\)

7. \(6z \div z\)
   \((z = 5)\)
   \(= 6\)

8. \(z^3 + 7\)
   \((z = 1)\)
   \(= 8\)

9. \(8 - c \div c\)
   \((c = 3)\)
   \(= 7\)

10. \((v - v)^2\)
    \((v = 4)\)
    \(= 0\)

11. \(2 \div (a \div a)\)
    \((a = 4)\)
    \(= 2\)

12. \(6 - u \cdot u\)
    \((u = 2)\)
    \(= 2\)

13. \(6 - (c - c)\)
    \((c = 1)\)
    \(= 6\)

14. \(x \div (6 - 4)\)
    \((x = 5)\)
    \(= \frac{5}{2}\)

15. \(2 \cdot z \div 3\)
    \((z = 10)\)
    \(= \frac{20}{3}\)
Evaluating Expressions (E)

Evaluate each expression using the value given.

1. $\frac{c + 6}{c}$  
   $(c = 6)$

2. $(9 \div u)^3$  
   $(u = 9)$

3. $9 \cdot 4 + a$  
   $(a = 6)$

4. $y^2 + y$  
   $(y = 4)$

5. $(x - 2)^2$  
   $(x = 3)$

6. $c \div (3 \div 8)$  
   $(c = 6)$

7. $2 - b \div 10$  
   $(b = 5)$

8. $a - (a - 1)$  
   $(a = 9)$

9. $b + 10 - b$  
   $(b = 8)$

10. $c \cdot c \cdot c$  
    $(c = 2)$

11. $u \cdot 5 \div 7$  
    $(u = 9)$

12. $(8 - x) \div 6$  
    $(x = 4)$

13. $c \div (c \div 5)$  
    $(c = 5)$

14. $3 \div x \cdot 4$  
    $(x = 5)$

15. $10(10 - y)$  
    $(y = 10)$
Evaluate each expression using the value given.

1. \((c + 6) \div c\)
   \((c = 6)\)
   \(= 2\)

2. \((9 \div u)^3\)
   \((u = 9)\)
   \(= 1\)

3. \(9 \cdot 4 + a\)
   \((a = 6)\)
   \(= 42\)

4. \(y^2 + y\)
   \((y = 4)\)
   \(= 20\)

5. \((x - 2)^2\)
   \((x = 3)\)
   \(= 1\)

6. \(c \div (3 \div 8)\)
   \((c = 2)\)
   \(= \frac{16}{3}\)

7. \(2 - b \div 10\)
   \((b = 5)\)
   \(= \frac{3}{2}\)

8. \(a - (a - 1)\)
   \((a = 9)\)
   \(= 1\)

9. \(b + 10 - b\)
   \((b = 8)\)
   \(= 10\)

10. \(c \cdot c \cdot c\)
    \((c = 2)\)
    \(= 8\)

11. \(u \cdot 5 \div 7\)
    \((u = 9)\)
    \(= \frac{45}{7}\)

12. \((8 - x) \div 6\)
    \((x = 4)\)
    \(= \frac{2}{3}\)

13. \(c \div (c \div 5)\)
    \((c = 5)\)
    \(= 5\)

14. \(3 \div x \cdot 4\)
    \((x = 5)\)
    \(= \frac{12}{5}\)

15. \(10 (10 - y)\)
    \((y = 10)\)
    \(= 0\)
Evaluating Expressions (F)

Evaluate each expression using the value given.

1. \( u - 7 \div u \)  
   \((u = 3)\)

2. \( x \div (10 \cdot 2) \)  
   \((x = 10)\)

3. \( (8 - v)^4 \)  
   \((v = 7)\)

4. \( 6a \div a \)  
   \((a = 6)\)

5. \( y(y + 7) \)  
   \((y = 1)\)

6. \( 8 - a \div a \)  
   \((a = 2)\)

7. \( 8b \div b \)  
   \((b = 4)\)

8. \( y - y \div y \)  
   \((y = 2)\)

9. \( 7 \div z + 3 \)  
   \((z = 10)\)

10. \( 4 + c - 5 \)  
    \((c = 5)\)

11. \( x - x \div x \)  
    \((x = 5)\)

12. \( 2 \div z + 4 \)  
    \((z = 6)\)

13. \( x \cdot x + x \)  
    \((x = 7)\)

14. \( (x^2)^2 \)  
    \((x = 3)\)

15. \( v(4 - 3) \)  
    \((v = 1)\)
# Evaluating Expressions (F) Answers

Evaluate each expression using the value given.

1. \( u - 7 \div u \)  
   \( u = 3 \)  
   \( \frac{2}{3} \)

2. \( x \div (10 \cdot 2) \)  
   \( x = 10 \)  
   \( \frac{1}{2} \)

3. \( (8 - v)^4 \)  
   \( v = 7 \)  
   \( 1 \)

4. \( 6a \div a \)  
   \( a = 6 \)  
   \( 6 \)

5. \( y(y + 7) \)  
   \( y = 1 \)  
   \( 8 \)

6. \( 8 - a \div a \)  
   \( a = 2 \)  
   \( 7 \)

7. \( 8b \div b \)  
   \( b = 4 \)  
   \( 8 \)

8. \( y - y \div y \)  
   \( y = 2 \)  
   \( 1 \)

9. \( 7 \div z + 3 \)  
   \( z = 10 \)  
   \( \frac{37}{10} \)

10. \( 4 + c - 5 \)  
    \( c = 5 \)  
    \( 4 \)

11. \( x - x \div x \)  
    \( x = 5 \)  
    \( 4 \)

12. \( 2 \div z + 4 \)  
    \( z = 6 \)  
    \( \frac{13}{3} \)

13. \( x \cdot x + x \)  
    \( x = 7 \)  
    \( 56 \)

14. \( (x^2)^2 \)  
    \( x = 3 \)  
    \( 81 \)

15. \( v(4 - 3) \)  
    \( v = 1 \)  
    \( 1 \)
Evaluating Expressions (G)

Evaluate each expression using the value given.

1. $2u - u$
   \[ (u = 1) \]

2. $z \div 4 \div z$
   \[ (z = 6) \]

3. $6 \cdot 10 - y$
   \[ (y = 5) \]

4. $8 + v - v$
   \[ (v = 5) \]

5. $b \div (4 \div 4)$
   \[ (b = 10) \]

6. $(1 + 3) \cdot u$
   \[ (u = 7) \]

7. $2 - (x - x)$
   \[ (x = 2) \]

8. $7 - z + z$
   \[ (z = 4) \]

9. $(2 - b)^2$
   \[ (b = 1) \]

10. $2x - 9$
    \[ (x = 9) \]

11. $9(x - 2)$
    \[ (x = 7) \]

12. $x \cdot x - x$
    \[ (x = 9) \]

13. $u \div (4u)$
    \[ (u = 3) \]

14. $2 - (y - y)$
    \[ (y = 8) \]

15. $10 + 8 \div u$
    \[ (u = 7) \]
Evaluating Expressions (G) Answers

Evaluate each expression using the value given.

1. \(2u - u\)  
   \((u = 1)\)  
   \(= 1\)

2. \(z ÷ 4 ÷ z\)  
   \((z = 6)\)  
   \(= \frac{1}{4}\)

3. \(6 \cdot 10 - y\)  
   \((y = 5)\)  
   \(= 55\)

4. \(8 + v - v\)  
   \((v = 5)\)  
   \(= 8\)

5. \(b ÷ (4 ÷ 4)\)  
   \((b = 10)\)  
   \(= 10\)

6. \((1 + 3) \cdot u\)  
   \((u = 7)\)  
   \(= 28\)

7. \(2 - (x - x)\)  
   \((x = 2)\)  
   \(= 2\)

8. \(7 - z + z\)  
   \((z = 4)\)  
   \(= 7\)

9. \((2 - b)^2\)  
   \((b = 1)\)  
   \(= 1\)

10. \(2x - 9\)  
    \((x = 9)\)  
    \(= 9\)

11. \(9(x - 2)\)  
    \((x = 7)\)  
    \(= 45\)

12. \(x \cdot x - x\)  
    \((x = 9)\)  
    \(= 72\)

13. \(u ÷ (4u)\)  
    \((u = 3)\)  
    \(= \frac{1}{4}\)

14. \(2 - (y - y)\)  
    \((y = 8)\)  
    \(= 2\)

15. \(10 + 8 ÷ u\)  
    \((u = 7)\)  
    \(= \frac{78}{7}\)
Evaluating Expressions (H)

Evaluate each expression using the value given.

1. \(a ÷ 4 + 2\)  
   \((a = 4)\)

2. \(b − b + b\)  
   \((b = 8)\)

3. \(v^3 ÷ v\)  
   \((v = 8)\)

4. \(a + a − a\)  
   \((a = 9)\)

5. \((c · c)^2\)  
   \((c = 2)\)

6. \(9c · 2\)  
   \((c = 1)\)

7. \(c + c − c\)  
   \((c = 4)\)

8. \(4(x − x)\)  
   \((x = 8)\)

9. \(3^4 ÷ c\)  
   \((c = 7)\)

10. \(u + 5u\)  
    \((u = 6)\)

11. \(3b ÷ 5\)  
    \((b = 8)\)

12. \(b · b − b\)  
    \((b = 4)\)

13. \(3 + 4v\)  
    \((v = 3)\)

14. \(4a ÷ 7\)  
    \((a = 9)\)

15. \(b − b ÷ 3\)  
    \((b = 2)\)
Evaluating Expressions (H) Answers

Evaluate each expression using the value given.

<table>
<thead>
<tr>
<th></th>
<th>Expression</th>
<th>Value</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(a ÷ 4 + 2) ((a = 4))</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>(b - b + b) ((b = 8))</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>(v^3 ÷ v) ((v = 8))</td>
<td></td>
<td>64</td>
</tr>
<tr>
<td>4</td>
<td>(a + a - a) ((a = 9))</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>5</td>
<td>((c \cdot c)^2) ((c = 2))</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>6</td>
<td>(9c \cdot 2) ((c = 1))</td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>7</td>
<td>(c + c - c) ((c = 4))</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>(4(x - x)) ((x = 8))</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>(3^4 ÷ c) ((c = 7))</td>
<td></td>
<td>(\frac{81}{7})</td>
</tr>
<tr>
<td>10</td>
<td>(u + 5u) ((u = 6))</td>
<td></td>
<td>36</td>
</tr>
<tr>
<td>11</td>
<td>(3b ÷ 5) ((b = 8))</td>
<td></td>
<td>(\frac{24}{5})</td>
</tr>
<tr>
<td>12</td>
<td>(b \cdot b - b) ((b = 4))</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>13</td>
<td>(3 + 4v) ((v = 3))</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>14</td>
<td>(4a ÷ 7) ((a = 9))</td>
<td></td>
<td>(\frac{36}{7})</td>
</tr>
<tr>
<td>15</td>
<td>(b - b ÷ 3) ((b = 2))</td>
<td></td>
<td>(\frac{4}{3})</td>
</tr>
</tbody>
</table>
Evaluating Expressions (I)

Evaluate each expression using the value given.

1. \( v \cdot v - 9 \) 
   \((v = 6)\)

2. \( (u - u) \cdot u \) 
   \((u = 3)\)

3. \( 9 - (v + 2) \) 
   \((v = 7)\)

4. \( 6 + 10 + u \) 
   \((u = 8)\)

5. \( (2a)^2 \) 
   \((a = 5)\)

6. \( 3 + a - 9 \) 
   \((a = 9)\)

7. \( y(2 - y) \) 
   \((y = 1)\)

8. \( b \div (b - 1) \) 
   \((b = 7)\)

9. \( 8 \div x + x \) 
   \((x = 7)\)

10. \( x \cdot 1 \div x \) 
    \((x = 9)\)

11. \( (8 + 4) \cdot u \) 
    \((u = 6)\)

12. \( v + v \div v \) 
    \((v = 7)\)

13. \( 9a \div a \) 
    \((a = 4)\)

14. \( 1 \div y + 3 \) 
    \((y = 4)\)

15. \( v \cdot 2v \) 
    \((v = 7)\)
Evaluate each expression using the value given.

1. \(v \cdot v - 9\)
   \((v = 6)\)
   \(= 27\)

2. \((u - u) \cdot u\)
   \((u = 3)\)
   \(= 0\)

3. \(9 - (v + 2)\)
   \((v = 7)\)
   \(= 0\)

4. \(6 + 10 + u\)
   \((u = 8)\)
   \(= 24\)

5. \((2a)^2\)
   \((a = 5)\)
   \(= 100\)

6. \(3 + a - 9\)
   \((a = 9)\)
   \(= 3\)

7. \(y(2 - y)\)
   \((y = 1)\)
   \(= 1\)

8. \(b \div (b - 1)\)
   \((b = 7)\)
   \(= \frac{7}{6}\)

9. \(8 \div x + x\)
   \((x = 7)\)
   \(= \frac{57}{7}\)

10. \(x \cdot 1 \div x\)
    \((x = 9)\)
    \(= 1\)

11. \((8 + 4) \cdot u\)
    \((u = 6)\)
    \(= 72\)

12. \(v + v \div v\)
    \((v = 7)\)
    \(= 8\)

13. \(9a \div a\)
    \((a = 4)\)
    \(= 9\)

14. \(1 \div y + 3\)
    \((y = 4)\)
    \(= \frac{13}{4}\)

15. \(2v\)
    \((v = 7)\)
    \(= 98\)
Evaluating Expressions (J)

Evaluate each expression using the value given.

1. \( z \div (z - 2) \)  
   \( z = 9 \)

2. \( x \cdot 9 \div x \)  
   \( x = 5 \)

3. \( c - 4 \div 7 \)  
   \( c = 6 \)

4. \( 9 \cdot 3 \div z \)  
   \( z = 3 \)

5. \( 4 + x \div x \)  
   \( x = 3 \)

6. \( (1 + c)^3 \)  
   \( c = 2 \)

7. \( 9 \cdot c \div c \)  
   \( c = 10 \)

8. \( (10 + u) \cdot 7 \)  
   \( u = 3 \)

9. \( (5 + a) \div 3 \)  
   \( a = 7 \)

10. \( v (8 - v) \)  
    \( v = 3 \)

11. \( 5u + u \)  
    \( u = 1 \)

12. \( 7 + 10 + y \)  
    \( y = 4 \)

13. \( b - 8 \div 7 \)  
    \( b = 6 \)

14. \( 8 \cdot 5 \div z \)  
    \( z = 2 \)

15. \( z \div z \div z \)  
    \( z = 9 \)
Evaluate Expressions (J) Answers

Evaluate each expression using the value given.

1. \( z \div (z - 2) \)
   
   \((z = 9)\)
   
   \(= \frac{9}{7}\)

2. \( x \cdot 9 \div x \)
   
   \((x = 5)\)
   
   \(= 9\)

3. \( c - 4 \div 7 \)
   
   \((c = 6)\)
   
   \(= \frac{38}{7}\)

4. \( 9 \cdot 3 \div z \)
   
   \((z = 3)\)
   
   \(= 9\)

5. \( 4 + x \div x \)
   
   \((x = 3)\)
   
   \(= 5\)

6. \( (1 + c)^3 \)
   
   \((c = 2)\)
   
   \(= 27\)

7. \( 9 \cdot c \div c \)
   
   \((c = 10)\)
   
   \(= 9\)

8. \( (10 + u) \cdot 7 \)
   
   \((u = 3)\)
   
   \(= 91\)

9. \( 8 \cdot 5 \div z \)
   
   \((z = 2)\)
   
   \(= 20\)

10. \( v (8 - v) \)
    
    \((v = 3)\)
    
    \(= 15\)

11. \( 5u + u \)
    
    \((u = 1)\)
    
    \(= 6\)

12. \( 7 + 10 + y \)
    
    \((y = 4)\)
    
    \(= 21\)

13. \( b - 8 \div 7 \)
    
    \((b = 6)\)
    
    \(= \frac{34}{7}\)

14. \( z \div z \div z \)
    
    \((z = 9)\)
    
    \(= \frac{1}{9}\)