

7. Evaluate each expression by replacing x with 4.
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|------------------|-------------|--------------|
| a) $x + 5$ | b) $3x$ | c) $2x - 1$ |
| d) $\frac{x}{2}$ | e) $3x + 1$ | f) $20 - 2x$ |

8. Evaluate each expression by replacing z with 7.
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|-------------|--------------|----------------------|
| a) $z + 12$ | b) $10 - z$ | c) $5z$ |
| d) $3z - 3$ | e) $35 - 2z$ | f) $3 + \frac{z}{7}$ |

9. **Assessment Focus** Jason works at a local fish and chips restaurant. He earns \$7/h during the week, and \$9/h on the weekend.



- a) Jason works 8 h during the week and 12 h on the weekend. Write an expression for his earnings.
- b) Jason works x hours during the week and 5 h on the weekend. Write an expression for his earnings.
- c) Jason needs \$115 to buy sports equipment. He worked 5 h on the weekend. How many hours does Jason have to work during the week to have the money he needs?

10. **Take It Further** A value of n is substituted in each expression to get the number in the box. Find each value of n .

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|-------------|----|------------------|----|
| a) $5n$ | 30 | b) $3n - 1$ | 11 |
| c) $4n + 7$ | 15 | d) $5n - 4$ | 11 |
| e) $4 + 6n$ | 40 | f) $\frac{n}{8}$ | 5 |

Reflect

Explain why it is important to use the order of operations when evaluating an algebraic expression. Use an example in your explanation.