

LESSON
1-5**Practice****Evaluating Algebraic Expressions**Evaluate $n - 5$ for each value of n .

1. $n = 8$

2. $n = 121$

3. $n = 32$

4. $n = 59$

Evaluate each expression for the given values of the variable.

5. $3n + 15$ for $n = 4$

6. $h \div 12$ for $h = 60$

7. $32x - 32$ for $x = 2$

8. $\frac{c}{2}$ for $c = 24$

9. $(n \div 2)5$ for $n = 14$

10. $8p + 148$ for $p = 15$

11. $e^2 - 7$ for $e = 8$

12. $3d^2 + d$ for $d = 5$

13. $40 - 4k^3$ for $k = 2$

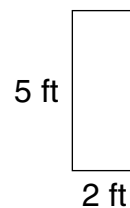
14. $2y - z$ for $y = 21$ and $z = 19$

15. $3h^2 + 8m$ for $h = 3$ and $m = 2$

16. $18 \div a + b \div c$ for $a = 6$, $b = 45$ and $c = 9$

17. $10x \div 4y \times 8z$ for $x = 14$, $y = 5$ and $z = 2$

18. You can find the area of a rectangle with the expression lw where l represents the length and w represents the width. What is the area of the rectangle at right in square feet?



19. Rita drove an average of 55 mi/h on her trip to the mountains. You can use the expression $55h$ to find out how many miles she drove in h hours. If she drove for 5 hours, how many miles did she drive?
