

$$= 27 + 4$$
$$= 31$$

Use the order of operations.
Add 27 and 4.

EXERCISES

Independent Practice (4/8)

Evaluate each expression if $a = 4$, $b = 2$, and $c = 7$.

1. $3ac$
 $3(4)(7)$
 $12(7) = 84$

4. $5 + 6c$
 $5 + 6(7)$
 $5 + 42 = 47$

7. $\frac{b^4}{4}$
 $\frac{2^4}{4} = \frac{16}{4} = 4$

10. $2bc$
 $2(2)(7) = 28$

13. $7c$
 $7(7) = 49$

2. $5b^3$
 $5(2)^3$
 $5(8) = 40$

5. $\frac{ab}{8}$
 $\frac{4(2)}{8} = \frac{8}{8} = 1$

8. $c - a$
 $7 - 4 = 3$

11. $ac - 3b$
 $4(7) - 3(2)$
 $28 - 6 = 22$

14. $6a - b$
 $6(4) - 2$
 $24 - 2 = 22$

3. abc
 $4(2)(7)$
 $8(7) = 56$

6. $2a - 3b$
 $2(4) - 3(2)$
 $8 - 6 = 2$

9. $20 - bc$
 $20 - 2(7)$
 $20 - 14 = 6$

12. $6a^2$
 $6(4)^2$
 $6(16) = 96$

15. $ab - c$
 $4(2) - 7$
 $8 - 7 = 1$

$$\begin{array}{r} 16 \\ \times 6 \\ \hline 96 \end{array}$$