

**Extension
3.2****Practice**

For use after Extension 3.2

Factor the expression using the GCF.

1. $7 + 28$

2. $25 + 50$

3. $7b - 7$

4. $8a - 16$

5. $8x + 12$

6. $12y + 24t$

7. $10w + 50z$

8. $10v + 12u$

9. $9a + 15b$

Factor out the coefficient of the variable.

10. $\frac{1}{2}a - \frac{1}{2}$

11. $\frac{1}{4}d - \frac{3}{4}$

12. $\frac{5}{6}s + \frac{2}{3}$

**Extension
3.2****Practice (continued)**

Factor out the coefficient of the variable.

13. $\frac{3}{10}y - \frac{2}{5}$

14. $1.1x + 9.9$

15. $3.4c + 10.2$

16. Factor -2 out of $-6x + 10$.

17. Factor $-\frac{1}{3}$ out of $\frac{1}{3}y - \frac{3}{2}$.

18. A square window has a perimeter of $(8x + 12)$ feet. Write an expression that represents the side length of the window (in feet).