

## Group Work

Level A: All Even (except 12)

Level B: 2 – 8, 10 – 13, 16

Level C: 1- 18

Factor the expression using the GCF.

1.  $7 + 28$

2.  $25 + 50$

3.  $7b - 7$

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_

4.  $8a - 16$

5.  $8x + 12$

6.  $12y + 24t$

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_

7.  $10w + 50z$

8.  $10v + 12u$

9.  $9a + 15b$

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_

Factor out the coefficient of the variable.

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

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

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

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_

Factor out the coefficient of the variable.

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

14.  $1.1x + 9.9$

15.  $3.4c + 10.2$

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

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

Expression: \_\_\_\_\_