

Name: _____

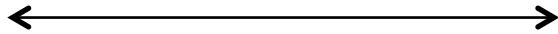
Period: _____ Date: _____

Solving Inequalities by Combining Like Terms

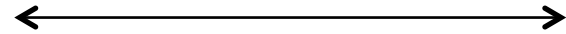
Solve for the variable and graph the solution on the number line.

1. $5h - 3h \geq 12$

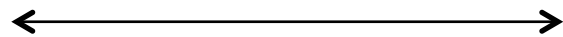
2. $7k - 12k < 20$



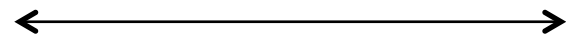
3. $-9y + 6y > -18$



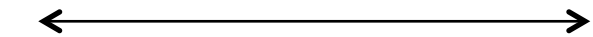
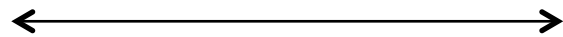
4. $10g - 16 < 2g$



5. $6a + 27 < 15a$

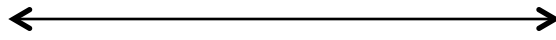
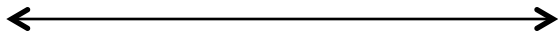


6. $15 - 3k < -8k$



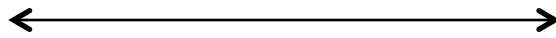
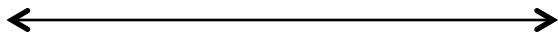
7. $3x + 12 < x$

8. $-10a > 12 - 6a$



9. $\frac{2}{3}w + 5 < \frac{1}{3}w$

10. $3p - 7p < p + 25$



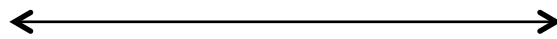
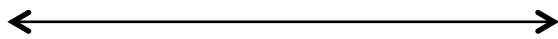
11. $\frac{1}{2}h + 4 < \frac{5}{6}h$

12. $-5q - 6q < 3q + 42$



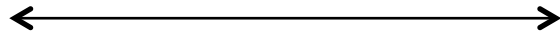
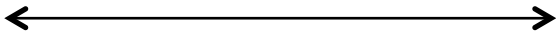
13. $8y > 12y - 24$

14. $8m - 9m > 13 - m$



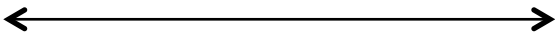
15. $2(x - 3) \geq 4x$

16. $-5(f - 4) \geq -7f$



17. $\frac{h-10}{3} < 2h$

18. $\frac{12-8g}{-2} < 6g$



19. $9(4 - 2k) \geq -6k$

20. $\frac{2g-90}{-4} < 7g$

