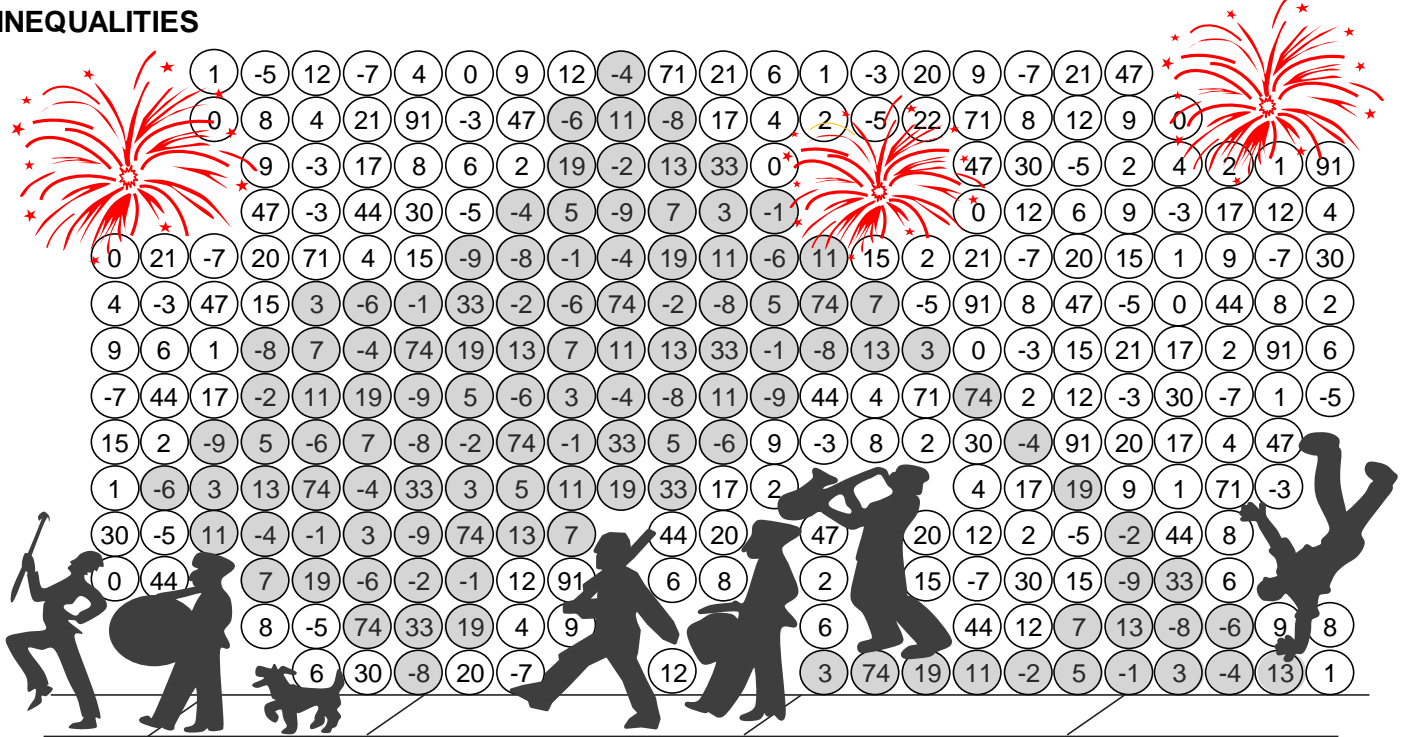


**ANSWER, FIND, AND SHADE  
INEQUALITIES**

**ANSWERS**



**What does each variable equal to make both inequalities true?**

**\*\*Answers must be integers (positive and negative whole numbers and zero).\*\***

1.  $-7p > -42$  and  $3p > 12$

**$p = 5$**

2.  $-4t < 12$  and  $7 \geq t + 9$

**$t = -2$**

3.  $9n \leq -72$  and  $n + 17 > 8$

**$n = -8$**

4.  $10 + f > 20$  and  $-10f > -120$

**$f = 11$**

5.  $\frac{d}{5} < 15$  and  $d - 60 > 13$

**$d = 74$**

6.  $h + 12 < 7$  and  $14 > 7 - h$

**$h = -6$**

6.  $\frac{x}{4} > 8$  and  $x - 16 < 18$

**$x = 33$**

7.  $2w + 1 < -5$  and  $-5w \leq 20$

**$w = -4$**

8.  $\frac{y}{2} < 10$  and  $y + y > 36$

**$y = 19$**

9.  $24 < 12r$  and  $-8r > -32$

**$r = 3$**

10.  $\frac{v}{8} > 0$  and  $1 \geq \frac{v}{-2}$

**$v = -1$**

11.  $e - 15 > -3$  and  $2e < 28$

**$e = 13$**

12.  $\frac{k}{6} > 1$  and  $6k < 48$

**$k = 7$**

12.  $-20 < 2m$  and  $-4m \geq 36$

**$m = -9$**