

Solve the following inequality. $3|t+4| > 15$

$$3|t+4| > 15 \Leftrightarrow |t+4| > 5$$

$$|t+4| > 5 \Leftrightarrow t+4 > 5 \text{ or } t+4 < -5$$

So $t > 1$ or $t < -9$.

Interval notation: $(-\infty, -9) \cup (1, \infty)$