Solve the inequality $3(k+2) \leqslant 3$.

Graph the solution on the number line.

Step 1 of 4

Expand the expression and remove the brackets first.

$3(k+2) \leqslant 3$

$\square k + \square \leqslant 3$

Step 2 of 4

Simplify the inequality.

$3(k+2) \leqslant 3$

$3k+6 \leqslant 3$

$3k \leqslant \square$

Step 3 of 4

$3(k+2) \leqslant 3$

$3k+6 \leqslant 3$

$3k \leqslant -3$

$k \leqslant \square$

Step 4 of 4

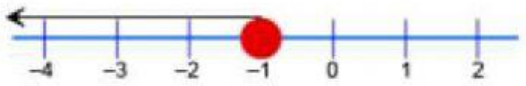
$3(k+2) \leqslant 3$

$3k+6 \leqslant 3$

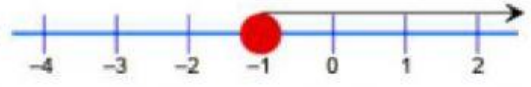
$3k \leqslant -3$

$k \leqslant -1$

Choose the number line that shows $k \leqslant -1$.

a. ○ 

b. ○

c. ○ 

d. ○

LIVEWORKSHEETS