Graphing Inequalities on a Number Line

REFERENCE / CASE 1

Graph x > -2 on a number line. Give interval notation and state whether -2 is included.



METHOD: Use a filled endpoint for <= or >=; use an open endpoint for < or >. Shade right for greater values or left for smaller values.
Reference diagram supplied. Use the separate practice sheet before checking the worked answer.

Graphing Inequalities on a Number Line

REFERENCE / CASE 2

Graph x <= 3 on a number line. Give interval notation and state whether 3 is included.

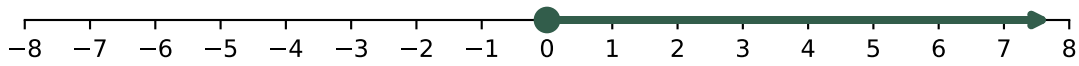


METHOD: Use a filled endpoint for <= or >=; use an open endpoint for < or >. Shade right for greater values or left for smaller values.
Reference diagram supplied. Use the separate practice sheet before checking the worked answer.

Graphing Inequalities on a Number Line

REFERENCE / CASE 3

Graph x >= 0 on a number line. Give interval notation and state whether 0 is included.

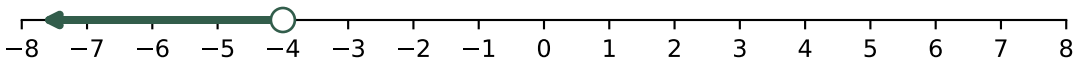


METHOD: Use a filled endpoint for <= or >=; use an open endpoint for < or >. Shade right for greater values or left for smaller values.
Reference diagram supplied. Use the separate practice sheet before checking the worked answer.

Graphing Inequalities on a Number Line

REFERENCE / CASE 4

Graph x < -4 on a number line. Give interval notation and state whether -4 is included.



METHOD: Use a filled endpoint for <= or >=; use an open endpoint for < or >. Shade right for greater values or left for smaller values.
Reference diagram supplied. Use the separate practice sheet before checking the worked answer.