

Inequalities Describe Many Solutions: Apply and Create



Use the matching sheet ID when checking answers.

Use what you learned to explain, construct or apply an idea.

1. Show $x \leq 2$ on a number line.

Look for:

- Includes 2.
- Represents all smaller values.

One possible response: Closed point at 2, shading left.

2. Explain why $-2x < 6$ gives $x > -3$.

Look for:

- Explains the reversal; checking an example supports the answer.

One possible response: Division by -2 reverses the order.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.