Are You the Solution? Answers

**Algebra**

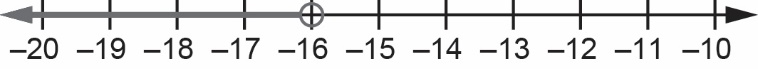
**Unit 6 Line Master 4c**

1.

Choose a value less than 8: *x* = 4  
L.S. = R.S.=

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=   
‒2 2, so the solution is correct.

2.

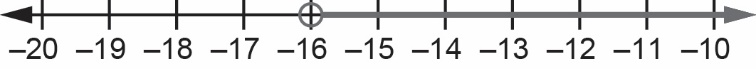
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Choose a value less than ‒16: *x* = ‒20  
L.S. = R.S.=

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40 >32, so the solution is correct.

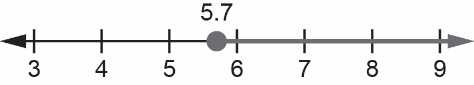
3.



Choose a value greater than ‒16: *p* = 0  
L.S. = R.S.=

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=   
0 < 2, so the solution is correct.

4.

Choose a value greater than 5.7: *q* = 6  
L.S. = R.S.=

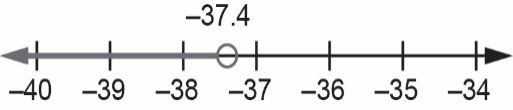
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2.8 2.5, so the solution is correct.

Are You the Solution? Answers (cont’d)

**Algebra**

**Unit 6 Line Master 4d**

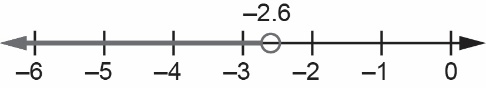


5.

Choose a value less than ‒37.4: *y* = ‒40  
L.S. = R.S.=

= =

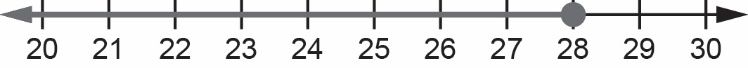
= = ‒64.1   
‒66.7 < ‒64.1, so the solution is correct.

6.

Choose a value less than ‒2.6: *a* = ‒4  
L.S. = R.S.=

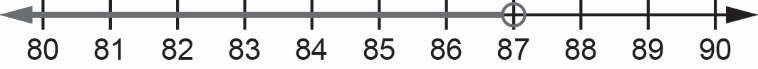
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=   
19.5 > 16, so the solution is correct.

7. Let *p* represent the length of pipe used, in metres.

They could have used a length of 28 m or less (but greater than 0 m).

8. Let *t* represent the time, in minutes, spent on social media each weekday.



They could spend any time less than 87 min on social media each weekday.