



1-3 Solve It!




The fish isn't at zero, but you can still find how long it is.




SOLVE IT!

Getting Ready!

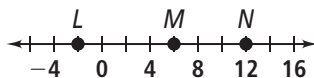


On a freshwater fishing trip, you catch the fish below. By law, you must release any fish between 15 and 19 in. long. You need to measure your fish, but the front of the ruler on the boat is worn away. Can you keep your fish? Explain how you found your answer.

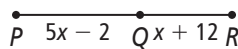


1-3 Lesson Quiz

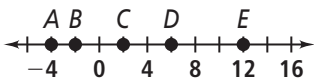
1. What is LN ?



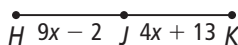
2. If $PR = 40$, what are PQ and QR ?



3. Are \overline{BD} and \overline{CE} congruent?



4. Do you UNDERSTAND? J is the midpoint of \overline{HK} . What are HJ , JK , and HK ?



Answers

Solve It!

Yes; explanations may vary. Sample: You can measure the fish with a ruler and transfer the length to a different part of the ruler. The length of the

fish can be found by counting the tick marks, or by subtracting the smaller mark from the larger mark. The length of fish is 12 in., so you can keep the fish.

Lesson Quiz

1. 14
2. $PQ = 23$, $QR = 17$
3. No
4. $HJ = 25$, $JK = 25$, $HK = 50$