

REVIEW: Comparing and Ordering Decimals

Name _____

Key Concept and Vocabulary

is less than

$$1.23 < 1.24$$

is greater than

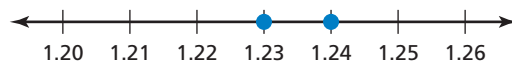
$$1.24 > 1.23$$

Order decimals.



Visual Model

Number Line



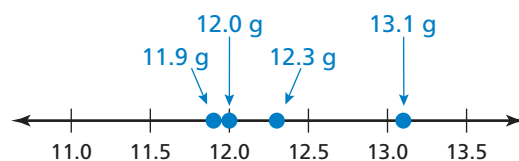
$1.23 < 1.24$ because 1.23 is to the left of 1.24 on the number line.

Skill Examples

- $34.07 > 30.47$
- $12.35 < 12.38$
- $17,056.4 > 17,055.9$
- $0.4 = 0.40$
- $0.103 > 0.099$

Application Example

6. Order the weights from least to greatest:
12.3 g, 11.9 g, 12.0 g, 13.1 g.



••• 11.9 g, 12.0 g, 12.3 g, 13.1 g

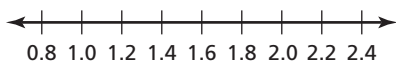
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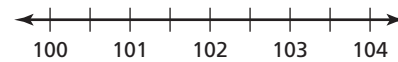
Check your answers at BigIdeasMath.com.

Use a number line to compare.

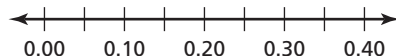
7. $1.6 \bigcirc 1.7$



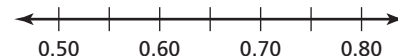
8. $102.5 \bigcirc 100.5$



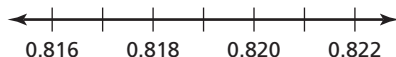
9. $0.35 \bigcirc 0.05$



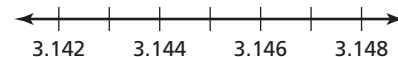
10. $0.60 \bigcirc 0.65$



11. $0.821 \bigcirc 0.819$



12. $3.143 \bigcirc 3.145$

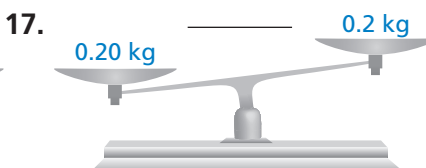
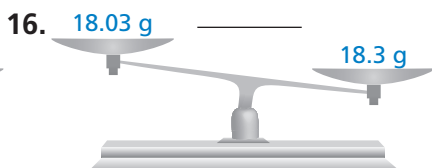
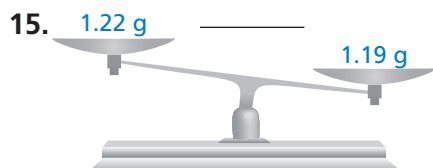


Order the lengths from least to greatest.

13. 29.9 ft, 32.3 ft, 31.7 ft, 31.75 ft

14. 0.5 m, 0.05 m, 1.02 m, 0.08 m

Is the scale reading correctly?



18. **OPEN-ENDED** Newton is thinking of a number that is greater than 0.4 and less than 0.5. The greatest digit in the number is in the hundredths place. What might Newton's number be? _____