

PRE-TEST
8

Decimals

Vocabulary

Fill in the blanks.

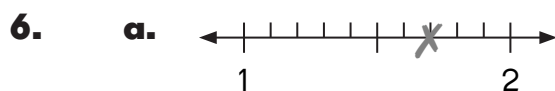
Use the words in the box.

- $\frac{6}{10}$ is 6 _____.
- $\frac{3}{100}$ is 3 _____.
- When rounding a decimal to the _____, check the value of the tenths digit.
- When rounding a decimal to the _____, round to the lesser tenth if the hundredths digit is 0, 1, 2, 3, or 4.
- Like comparing whole numbers, compare _____ by checking the value of their digits from left to right.

tenths
decimals
hundredths
nearest whole number
nearest tenth

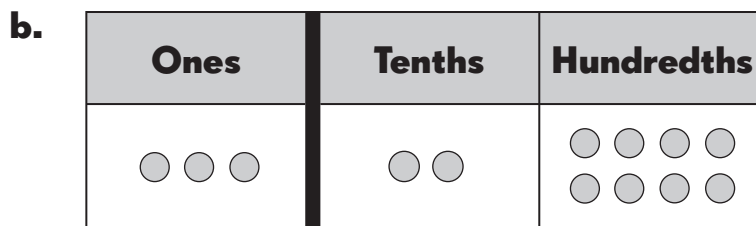
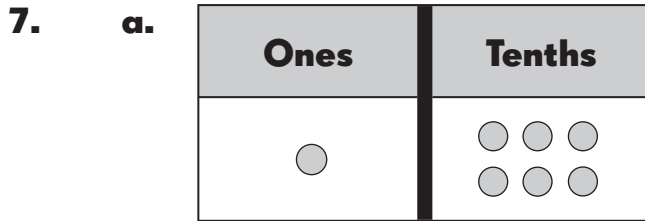
Concepts and Skills

Write the decimal that each marked point represents.





Write the decimal that each place-value chart represents.



Which decimal is greater?

8. 3.82 or 4.13 _____ 9. 9.15 or 9.2 _____

Express each fraction or mixed number as a decimal.

10. $\frac{3}{20}$ _____ 11. $3\frac{17}{50}$ _____

Round each decimal to the nearest whole number and then to the nearest tenth.

12. 2.70 _____; _____ 13. 5.19 _____; _____

14. 9.63 _____; _____ 15. 1.04 _____; _____

16. 7.85 _____; _____ 17. 2.96 _____; _____

Problem Solving

Solve. Show your work.

- 18.** Jessie bought a piece of ribbon that was $1\frac{2}{5}$ meters long. She cut $\frac{17}{20}$ meter from it. What is the length of the remaining piece of ribbon? Give your answer as a decimal to the nearest tenth.