Name _____

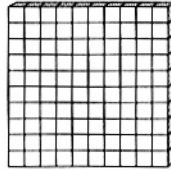## • • • • • • • • • • • • THE DECIMAL GAME • • • • • • • • • • • • •

Shade the base-ten blocks to show each decimal number.
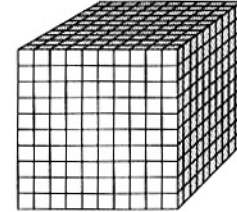
1. 0.9
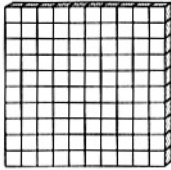
2. 0.09

3. 0.009

Write in standard form.

4. seventy-five hundredths _____

5. four and six tenths _____

6. seven and twelve hundredths _____

7. nine and nine thousandths _____

8. three hundred and five tenths _____

9. eight and four hundred seventy-two thousandths _____

Write the place-value position of each underlined digit.

10. 5.7<u>8</u>9 _____

11. 0.67<u>4</u> _____

12. 0.<u>1</u>23 _____

13. 3.94<u>2</u> _____

14. 0.03<u>8</u> _____

15. <u>4</u>.99 _____

16. 0.<u>6</u>3 _____

17. 7.7<u>2</u>4 _____

Real World Connection

Solve.

18. In a survey, 1,000 people were asked what sports they liked best. Of that number, 423 said baseball and 95 said tennis. What part of total number surveyed liked baseball? What part liked tennis?

_____

The Decimal Game

Answer Key

1. Students shade 9 columns.
2. Students shade 9 blocks.
3. Students shade 9 blocks.
4. 0.75
5. 4.6
6. 7.12
7. 9.009
8. 300.5
9. 8.472
10. hundredths
11. thousandths
12. tenths
13. thousandths
14. thousandths
15. ones
16. tenths
17. hundredths
18. baseball-0.423; tennis-0.095