Decimal Place Value

Guided Practice



In **1** through **3**, write each number in standard form.

1. $(6 \times 1) + \left(6 \times \frac{1}{10}\right) + \left(3 \times \frac{1}{100}\right) + \left(7 \times \frac{1}{1{,}000}\right)$

2. four and sixty-eight hundredths

3. $9{,}000 + 40 + 0.1 + 0.008$

4. **Reason** The number 3.453 has two 3s. Why does each 3 have a different value?

5. **Connect** José finished a race in 2.6 hours and Pavel finished the same race in 2.60 hours. Which runner finished the race first? Explain how you know.

Independent Practice

In **6** through **8**, write each number in standard form.

6. two and six thousandths

7. $3 + 0.3 + 0.009$

8. nine and twenty hundredths

In **9** through **12**, write two decimals that are equivalent to the given decimal.

9. 2.200

10. 8.1

11. 9.50

12. 4.200

LIVEWORKSHEETS