Dividing Decimals

Lesson 6-11

DATE TIME

SRB 44, 128, 137–139

For Problems 1 and 2:

- Write a number model.
- Make an estimate. Write a number sentence to record your estimate.
- Divide as if the dividend were a whole number. If there is a remainder, write it as a fraction and use it to round the quotient to the nearest whole number.
- Use your estimate to place the decimal point. Record your answer.

1 Three sisters set up a lemonade stand. On Wednesday they made $8.46. If they share the money equally, how much will each sister get?

Number model: _____

Estimate: _____

Answer: Each sister will get _____.

2 Janine is building a bookshelf. She has a board that is 6.77 meters long. She wants to cut it into 5 pieces of equal length. How long will each piece be?

Number model: _____

Estimate: _____

Answer: Each piece is about _____ meters long.

Dividing Decimals (continued)

Lesson 6-11

DATE TIME

SRB 128, 137–139

For Problems 3–6:

- Make an estimate. Write a number sentence to record your estimate.
- Divide as if the dividend were a whole number. Show your work on the computation grid. If there is a remainder, write it as a fraction and use it to round the quotient to the nearest whole number.
- Use your estimate to place the decimal point. Record your answer.

3 9.44 / 4 = ?

Estimate: _____

9.44 / 4 = _____

4 46.8 ÷ 12 = ?

Estimate: _____

46.8 ÷ 12 = _____

5 89.9 ÷ 4 = ?

Estimate: _____

89.9 ÷ 4 ≈ _____

6 253.7 / 6 = ?

Estimate: _____

253.7 / 6 ≈ _____