Lesson 1 Homework Practice

Add and Subtract Decimals

Find each sum or difference.

1. $1.546 + 0.07$

2. $75.4 + 0.5919$

3. $4.3 + 0.1748$

4. $60 - 43.6$

5. $18.31 - 8.25$

6. $88.39 - 20.8$

7. SHOPPING Lorena bought groceries for $102.34 and new shoes for $53.36. How much did Lorena spend on groceries and shoes altogether?

8. WEIGHT Kelly's baby brother weighs 7.71 pounds. Her newborn kitten weighs 0.24 pound. How much more does Kelly's baby brother weigh than her kitten?

Lesson 2 Homework Practice

Estimate Products

Estimate each product.

9. 8.9×11

10. 7.1×2.1

11. 32.9×9.8

12. 72.7×19.8

13. 25.4×48.6

14. 29.6×29.6

15. DINING OUT The prices for a complete meal at a local restaurant average about $7.75 per person. About how much would a family of six expect to pay for a meal?

Lesson 3 Homework Practice

Multiply Decimals by Whole Numbers

Multiply.

16. 0.8×6 **17.** 3×0.029 **18.** 1.9×5 **19.** 0.0186×92

20. ERASERS Vernon buys 12 pencil erasers. Each costs $0.85. How much does Vernon spend on the erasers before tax?

*21. SOUP Hot 'n Spicy Soup costs $2.39 a can. Brand X Soup costs $1.93 a can. Which costs more, 10 cans of Hot 'n Spicy, or 12 cans of Brand X? What is the difference?

*22. SHOPPING Basketballs sell for $27.99 each at the Super D and for $21.59 each at the Bargain Spot. If the coach buys a dozen basketballs, how much can he save by buying them at the Bargain Spot? Justify your answer.

Lesson 4 Homework Practice

Multiply Decimals by Decimals

Multiply.

23. 0.3×0.9 **24.** 2.6×1.7 **25.** 4.68×0.034 **26.** 17.2×12.86

27. MINING A mine produces 42.5 tons of coal per hour. How much coal will the mine produce in 9.5 hours?

28. SHOPPING Ms. Morgan bought 3.5 pounds of bananas at $0.51 a pound and 4.5 pounds of pineapple at $1.19 a pound. How much did she pay for the bananas and pineapple?