6th Grade Unit 4: Lesson 21-1

Check Your Understanding (p. 263):

4. 18.75%
5. 8%
6. 84%

Lesson 21-1 Practice (p. 263):

7. 9.375%
8. Sample answer: Add the cost of the item to the $2,500 start-up equipment cost. Then divide the cost of the item by the new total cost of start-up equipment. If an additional item costs $400, add $400 to $2,500 to get $2,900. Then find $400 \div 2,900 =$ about 13.8% of the new budget.
9. 60%
10. 44.4%
11. 11%
12. 72%; $\frac{x}{100} = \frac{1,800}{2,500}$, $2,500x = 180,000$, $x = 72$
13. about 15.2%; $\frac{150}{990} \approx 15.2$