

NAME \_\_\_\_\_

Module 1    Number Sense  
Lesson 5    Estimation

# Additional Practice

## 1.5

Decide if an exact number or an estimate is needed.

1. Approximately how many people are in the theater? **Estimate**
2. How much did the painting cost? **Exact Answer**
3. How many miles did Mr. Garcia travel last week? **Exact Answer**
4. About how long did Chris study for his science test? **Estimate**

Use **Front-End Estimation** to estimate each sum or difference. Then use **Front-End Estimation with rounding** to estimate each sum or difference.

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| 5. $267 + 712$<br><b><math>\approx 900</math> w/o rounding</b><br><b><math>\approx 1,000</math> w rounding</b> | 6. $421 + 357$<br><b><math>\approx 700</math> w/o rounding</b><br><b><math>\approx 800</math> w rounding</b> |
| 7. $683 - 494$<br><b><math>\approx 200</math> w/o rounding</b><br><b><math>\approx 200</math> w rounding</b>   | 8. $918 - 176$<br><b><math>\approx 800</math> w/o rounding</b><br><b><math>\approx 700</math> w rounding</b> |

Round each number to the given place value.

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|--|---|
| 9. Round to the nearest 10.<br>77      654<br><b>80      650</b>                 | 10. Round to the nearest 100.<br>496      1,506<br><b>500      1,500</b>              |
| 11. Round to the nearest 1,000.<br>2,690      11,402<br><b>3,000      11,000</b> | 12. Round to the nearest 10,000.<br>17,322      106,500<br><b>20,000      110,000</b> |

Estimate to solve each problem.

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| 13. Jack earned \$185 shoveling snow and \$326 mowing lawns. About how much did he earn altogether?<br><b>Possible answer: <math>\approx</math> \$500</b>  | 14. Dr. Fisher saw 270 patients last month and 391 patients this month. About how many patients did she see altogether?<br><b>Possible answer: <math>\approx</math> 500 or 700 patients</b> |
| 15. In the championship basketball game, Lincoln High scored 92 points and Madison High scored 79 points. About how many more points did Lincoln High score?<br><b>Possible answer: <math>\approx</math> 10 points</b> | 16. Sophie read 181 pages of her novel on Saturday and 209 pages on Sunday. About how many more pages did she read on Sunday?<br><b>Possible answer: <math>\approx</math> 30 pages</b>      |

