

## Chapter 2 Review/Test

### Vocabulary

Choose the best term from the box.

- You can use **compatible numbers** to estimate quotients because they are easy to compute with mentally. (p. 79)
- To decide where to place the first digit in the quotient, you can estimate or use **place value**. (p. 61)

Vocabulary
compatible numbers
partial quotients
place value

### Concepts and Skills

Use compatible numbers to estimate the quotient. (CC.5.NBT.6) Possible estimates are given.

- |                              |                                 |                                 |
|------------------------------|---------------------------------|---------------------------------|
| 3. $522 \div 6$<br><u>90</u> | 4. $1,285 \div 32$<br><u>40</u> | 5. $6,285 \div 89$<br><u>70</u> |
|------------------------------|---------------------------------|---------------------------------|

Divide. Check your answer. (CC.5.NBT.6)

- |                                   |                                   |                                     |
|-----------------------------------|-----------------------------------|-------------------------------------|
| 6. $2 \overline{)554}$ <b>277</b> | 7. $8 \overline{)680}$ <b>85</b>  | 8. $5 \overline{)462}$ <b>92 r2</b> |
| 9. $522 \div 18$ <b>29</b>        | 10. $529 \div 37$ <b>14 r11</b>   | 11. $987 \div 15$ <b>65 r12</b>     |
| 12. $1,248 \div 24$ <b>52</b>     | 13. $5,210 \div 17$ <b>306 r8</b> | 14. $8,808 \div 42$ <b>209 r30</b>  |

Fill in the bubble completely to show your answer.

- Samira bought 156 ounces of trail mix. She wants to divide the amount equally into 24 portions. How many ounces of trail mix will be in each portion? (CC.5.NF.3)
  - A 6 ounces
  - B  $6\frac{1}{2}$  ounces
  - C 7 ounces
  - D 12 ounces
- A school band performed 6 concerts. Every seat for each performance was sold. If a total of 1,248 seats were sold for all 6 concerts, how many seats were sold for each performance? (CC.5.NBT.6)
  - A 28
  - B 200
  - C 206
  - D 208
- Dylan's dog weighs 12 times as much as his pet rabbit. The dog and rabbit weigh 104 pounds altogether. How much does Dylan's dog weigh? (CC.5.NBT.6)
  - A 104 pounds
  - B 96 pounds
  - C 88 pounds
  - D 8 pounds
- Jamie is sewing 14 identical costumes for the school play. She needs 210 buttons to complete all of the costumes. How many buttons will she sew onto each costume? (CC.5.NBT.6)
  - A 15
  - B 14
  - C 11
  - D 9

