Name _____

Estimate Quotients Using Compatible Numbers

COMMON CORE STANDARD CC.4.NBT.6

Use place value understandings and properties of operations to perform multi-digit arithmetic.

Use compatible numbers to estimate the quotient.

1. 389 ÷ 4

400 ÷ 4 = 100

2. 358 ÷ 3 _____

3. 784 ÷ 8 _____

4. 179 ÷ 9 _____

5. 315 ÷ 8 _____

6. 2,116 ÷ 7 _____

7. 4,156 ÷ 7 _____

8. 474 ÷ 9 _____

Use compatible numbers to find two estimates that the quotient is between.

9. 1,624 ÷ 3 _____

10. 2,593 ÷ 6 _____

11. 1,045 ÷ 2 _____

12. 1,754 ÷ 9 _____

13. 2,363 ÷ 8 _____

14. 1,649 ÷ 5 _____

15. 5,535 ÷ 7 _____

16. 3,640 ÷ 6 _____

Problem Solving REAL WORLD

17. A CD store sold 3,467 CDs in 7 days. About the same number of CDs were sold each day. About how many CDs did the store sell each day?

_____

18. Marcus has 731 books. He puts about the same number of books on each of 9 shelves in his a bookcase. About how many books are on each shelf?

_____

TEST PREP

Lesson Check (CC.4.NBT.6)

1. Jamal is planting seeds for a garden nursery. He plants 9 seeds in each container. If Jamal has 296 seeds to plant, about how many containers will he use?

   Ⓐ about 20

   Ⓑ about 30

   Ⓒ about 200

   Ⓓ about 300

2. Winona purchased a set of vintage beads. There are 2,140 beads in the set. If she uses the beads to make bracelets that have 7 beads each, about how many bracelets can she make?

   Ⓐ about 30

   Ⓑ about 140

   Ⓒ about 300

   Ⓓ about 14,000

Spiral Review (CC.4.NBT.1, CC.4.NBT.3, CC.4.NBT.5, CC.4.NBT.6)

3. A train traveled 360 miles in 6 hours. How many miles per hour did the train travel? (Lesson 4.4)

   Ⓐ 60 miles per hour

   Ⓑ 66 miles per hour

   Ⓒ 70 miles per hour

   Ⓓ 600 miles per hour

4. An orchard has 12 rows of pear trees. Each row has 15 pear trees. How many pear trees are there in the orchard? (Lesson 3.6)

   Ⓐ 170

   Ⓑ 180

   Ⓒ 185

   Ⓓ 190

5. Megan rounded 366,458 to 370,000. To which place did Megan round the number? (Lesson 1.4)

   Ⓐ hundred thousands

   Ⓑ ten thousands

   Ⓒ thousands

   Ⓓ hundreds

6. Mr. Jessup, an airline pilot, flies 1,350 miles a day. How many miles will he fly in 8 days? (Lesson 2.11)

   Ⓐ 1,358 miles

   Ⓑ 8,400 miles

   Ⓒ 10,800 miles

   Ⓓ 13,508 miles