

Lesson 2.5

Name _____

Estimate with 2-Digit Divisors

COMMON CORE STANDARD CC.5.NBT.6

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Use compatible numbers to find two estimates.

1. $18 \overline{)1,322}$

2. $17 \overline{)1,569}$

3. $27 \overline{)735}$

4. $12 \overline{)478}$

$1,200 \div 20$

$= 60$

$1,400 \div 20$

$= 70$

5. $336 \div 12$

6. $1,418 \div 22$

7. $16 \overline{)2,028}$

8. $2,242 \div 33$

Use compatible numbers to estimate the quotient.

9. $82 \overline{)5,514}$

10. $61 \overline{)5,320}$

11. $28 \overline{)776}$

12. $23 \overline{)1,624}$

Problem Solving



13. A cubic yard of topsoil weighs 4,128 pounds. About how many 50-pound bags of topsoil can you fill with one cubic yard of topsoil?

14. An electronics store places an order for 2,665 USB flash drives. One shipping box holds 36 flash drives. About how many boxes will it take to hold all the flash drives?

Lesson Check (CC.5.NBT.6)

1. Marcy has 567 earmuffs in stock. If she can put 18 earmuffs on each shelf, about how many shelves does she need for all the earmuffs?
(A) about 20
(B) about 30
(C) about 570
(D) about 590
2. Howard pays \$327 for one dozen collector's edition baseball cards. About how much does he pay for each baseball card?
(A) about \$20
(B) about \$30
(C) about \$45
(D) about \$50

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

3. Andrew can frame 9 pictures each day. He has an order for 108 pictures. How many days will it take him to complete the order? (Lesson 2.2)
(A) 10 days
(B) 11 days
(C) 12 days
(D) 13 days
4. Madeleine can type 3 pages in one hour. How many hours will it take her to type a 123-page report? (Lesson 2.2)
(A) 65 hours
(B) 45 hours
(C) 41 hours
(D) 22 hours
5. Suppose you round 43,257,529 to 43,300,000. To what place value did you round the number? (Lesson 1.2)
(A) hundred thousands
(B) ten thousands
(C) thousands
(D) tens
6. Grace's catering received an order for 118 apple pies. Grace uses 8 apples to make one apple pie. How many apples does she need to make all 118 pies? (Lesson 1.6)
(A) 110
(B) 126
(C) 884
(D) 944