

Name \_\_\_\_\_

**Divide Using Partial Quotients**

COMMON CORE STANDARD CC.4.NBT.6

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

Divide. Use partial quotients.

$$\begin{array}{r}
 1. \ 8 \overline{)184} \\
 \underline{-80} \quad 10 \times 8 \quad 10 \\
 104 \\
 \underline{-80} \quad 10 \times 8 \quad 10 \\
 24 \\
 \underline{-24} \quad 3 \times 8 \quad +3 \\
 0 \qquad \qquad \qquad 23
 \end{array}$$

2.  $6 \overline{)258}$

3.  $5 \overline{)630}$

Divide. Use rectangular models to record the partial quotients.

4.  $246 \div 3 = \underline{\hspace{2cm}}$

5.  $126 \div 2 = \underline{\hspace{2cm}}$

6.  $605 \div 5 = \underline{\hspace{2cm}}$

Divide. Use either way to record the partial quotients.

7.  $492 \div 3 = \underline{\hspace{2cm}}$

8.  $224 \div 7 = \underline{\hspace{2cm}}$

9.  $692 \div 4 = \underline{\hspace{2cm}}$

**Problem Solving** 

10. Allison took 112 photos on vacation. She wants to put them in a photo album that holds 4 photos on each page. How many pages can she fill?

\_\_\_\_\_

11. Hector saved \$726 in 6 months. He saved the same amount each month. How much did Hector save each month?

\_\_\_\_\_

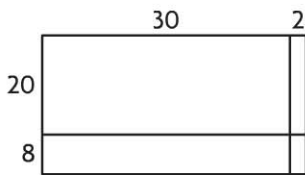
**Lesson Check** (CC.4.NBT.6)

- Annaka used partial quotients to divide  $145 \div 5$ . Which shows a possible sum of partial quotients?
  - (A)  $50 + 50 + 45$
  - (B)  $100 + 40 + 5$
  - (C)  $10 + 10 + 9$
  - (D)  $10 + 4 + 5$
- Mel used partial quotients to find the quotient  $378 \div 3$ . Which might show the partial quotients that Mel found?
  - (A) 100, 10, 10, 9
  - (B) 100, 10, 10, 6
  - (C) 100, 30, 30, 6
  - (D) 300, 70, 8

**Spiral Review** (CC.4.NBT.5, CC.4.NBT.6)

- What are the partial products of  $42 \times 5$ ? (Lesson 2.7)
  - (A) 9 and 7
  - (B) 20 and 10
  - (C) 200 and 7
  - (D) 200 and 10
- Mr. Watson buys 4 gallons of paint that cost \$34 per gallon. How much does Mr. Watson spend on paint? (Lesson 2.10)
  - (A) \$38
  - (B) \$126
  - (C) \$136
  - (D) \$1,216

- Use the area model to find the product  $28 \times 32$ . (Lesson 3.3)



- (A) 840
  - (B) 856
  - (C) 880
  - (D) 896
- An adult male lion eats about 108 pounds of meat per week. About how much meat does an adult male lion eat in one day? (Lesson 4.1)
    - (A) about 14 pounds
    - (B) about 15 pounds
    - (C) about 16 pounds
    - (D) about 17 pounds