



Dive Back into Division

Let's estimate and divide.

Warm-up

Notice and Wonder: Blank Spaces

What do you notice? What do you wonder?

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 136$$

Activity 1

Reasonable Estimates

1. Circle the most reasonable estimate. Explain or show your reasoning.

a. $364 \div 13$

20

30

40

b. $540 \div 12$

40

50

60

c. $1,008 \div 14$

70

80

90



2. Find the value of each quotient.

a.

$$13 \overline{)364}$$

b.

$$12 \overline{)540}$$

c.

$$14 \overline{)1,008}$$



Activity 2

Unknown Dividends and Divisors

1. Find numbers that make each equation true. Use a different number in each blank.

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 700$$

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 78$$

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 700$$

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 78$$

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 700$$

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 78$$

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 700$$

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 78$$

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 700$$

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = 78$$

2. How did you choose the numbers to write in the blanks?
