MY Homework

Lesson 10

Quotients with Zeros

Homework Helper

Find 815 ÷ 2.

1 **Divide the hundreds.**

2 **Divide the tens.**

3 There are not enough tens to divide. Place a 0 in the tens place.

4 **Divide the ones.**

The remainder is 1.

$$
\begin{array}{r}
407\text{R}1 \\
2\overline{)815} \\
-8\downarrow \\
\overline{01} \\
-0\downarrow \\
\overline{15} \\
-14 \\
\overline{1}
\end{array}
$$

So, 815 ÷ 2 = 407 R1.

Check 407 × 2 = 814 and 814 + 1 = 815

Practice

Divide.

1. $8\overline{)856}$

2. $3\overline{)2{,}926}$

3. 841 ÷ 4 = _____

Problem Solving

4. Monica wants to join the swim team. She practices 812 minutes in 4 weeks. She practices the same number of minutes each week. How many minutes does Monica practice each week?

_____

5. Algebra The art teacher asks her students to cut out apples from construction paper. Five apples can be cut from each sheet of paper. If she needs 1,045 apples, how many sheets of paper does she need? Write an equation to find the unknown. Then find the unknown.

_____

Mathematical
6. PRACTICE ③ Which One Doesn't Belong? Circle the division problem that does not belong with the other three. Explain.

| 621 ÷ 6 | 384 ÷ 3 | 719 ÷ 7 | 514 ÷ 5 |

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Test Practice

7. Abby and her family are going to Yellowstone National Park this summer. They drive 1,212 miles from their home to the park. If they drive the same number of miles each day for 4 days, how many miles will they drive each day?

- Ⓐ 303 miles
- Ⓑ 330 miles
- Ⓒ 403 miles
- Ⓓ 3,030 miles