

Key

3.5 Divide Multi-Digit Numbers (6.NS.2)

Vocabulary

When one number is divided by another, the result is called a quotient. The dividend is the number that is divided and the divisor is the number used to divide another number.

Label the division problem with the correct vocabulary term: quotient, dividend, and divisor.

$$\begin{array}{r}
 3 \\
 80 \overline{) 240}
 \end{array}$$

Labels: "divisor" points to 80, "quotient" points to 3, "dividend" points to 240.

Guided Practice: Find each quotient.

$$\begin{array}{r}
 92 \\
 8 \overline{) 736} \\
 \underline{-72} \\
 16 \\
 \underline{-16} \\
 0
 \end{array}$$

$$\begin{array}{r}
 56 \text{ R}4 \\
 11 \overline{) 620} \\
 \underline{-55} \\
 70 \\
 \underline{-66} \\
 4
 \end{array}$$

$$\begin{array}{r}
 411 \text{ R}5 \\
 19 \overline{) 7814} \\
 \underline{-76} \\
 21 \\
 \underline{-19} \\
 24 \\
 \underline{-19} \\
 5
 \end{array}$$

$$\begin{array}{r}
 94 \text{ R}33 \\
 37 \overline{) 3511} \\
 \underline{-333} \\
 181 \\
 \underline{-148} \\
 33
 \end{array}$$

5.) Zach bought two new jet skis for \$15,480. He will make 36 equal payments. How much will each payment be?

$$\begin{array}{r}
 430 \\
 36 \overline{) 15480} \\
 \underline{-144} \\
 108 \\
 \underline{-108} \\
 000 \\
 \underline{-000} \\
 0
 \end{array}$$

Each payment will be \$430.

Building on the Essential Questions - How is estimation helpful when dividing multi-digit numbers?

Estimation allows you to determine how many times a number goes into a larger number (gives you a general idea).

Rate Yourself

How well do you understand dividing multi-digit numbers? Circle the image that applies.



Clear



Somewhat Clear



Not So Clear