

Challenge

Riddle Me This

Follow the directions to answer this riddle:

What gets wetter the more it dries?

1. Write the answer to each exercise, including any remainders.

D $3\overline{)165}$

W $5\overline{)251}$

I $7\overline{)497}$

L $4\overline{)162}$

O $6\overline{)315}$

A $7\overline{)568}$

V $8\overline{)744}$

S $9\overline{)774}$

E $9\overline{)813}$

P $2\overline{)114}$

T $6\overline{)356}$

M $8\overline{)504}$

2. Write the letters of the exercises with remainders.

3. Rearrange the letters to answer the riddle.

4. **Write About It** Which method did you use to find the quotients? Why?

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Riddle Me This

Follow the directions to answer this riddle:

What gets wetter the more it dries?

1. Write the answer to each exercise, including any remainders.

$$D \quad 3 \overline{)165} \quad \begin{array}{r} 55 \\ \hline \end{array}$$

$$W \quad 5 \overline{)251} \quad \begin{array}{r} 50 \text{ R}1 \\ \hline \end{array}$$

$$I \quad 7 \overline{)497} \quad \begin{array}{r} 71 \\ \hline \end{array}$$

$$L \quad 4 \overline{)162} \quad \begin{array}{r} 40 \text{ R}2 \\ \hline \end{array}$$

$$O \quad 6 \overline{)315} \quad \begin{array}{r} 52 \text{ R}3 \\ \hline \end{array}$$

$$A \quad 7 \overline{)568} \quad \begin{array}{r} 81 \text{ R}1 \\ \hline \end{array}$$

$$V \quad 8 \overline{)744} \quad \begin{array}{r} 93 \\ \hline \end{array}$$

$$S \quad 9 \overline{)774} \quad \begin{array}{r} 86 \\ \hline \end{array}$$

$$E \quad 9 \overline{)813} \quad \begin{array}{r} 90 \text{ R}3 \\ \hline \end{array}$$

$$P \quad 2 \overline{)114} \quad \begin{array}{r} 57 \\ \hline \end{array}$$

$$T \quad 6 \overline{)356} \quad \begin{array}{r} 59 \text{ R}2 \\ \hline \end{array}$$

$$M \quad 8 \overline{)504} \quad \begin{array}{r} 63 \\ \hline \end{array}$$

2. Write the letters of the exercises with remainders.

W, L, O, A, E, T

3. Rearrange the letters to answer the riddle.

A T O W E L

4. **Write About It** Which method did you use to find the quotients? Why?

Answers will vary. Sample answer: Digit-by-Digit

Method because I can look at one or two digits and

know what the unknown factor is.