

# 821 ÷ 4 の筆算のしかた

$$4 \overline{) 821}$$

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} \square \\ 4 \overline{) 821} \end{array}$$

4 ×  $\square$  が 8 をこえない  
いちばん大きい数字を考  
える

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 2 \\ 4 \overline{) 821} \end{array}$$

4 × 2 が 8 をこえない  
いちばん大きい数字を考  
える

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 2 \\ 4 \overline{) 821} \\ \underline{8} \phantom{0} \\ 02 \\ \underline{0} \\ 21 \end{array}$$

$$4 \times 2 = 8 \text{ なので}$$

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 2 \\ 4 \overline{) 821} \\ \underline{8} \phantom{0} \\ 0 \phantom{0} \end{array}$$

8 - 8 = 0 だが  
0 のときは書かない

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 2 \\ 4 \overline{) 821} \\ \underline{8} \phantom{1} \\ 2 \phantom{1} \\ \underline{2} \\ 0 \phantom{1} \\ 1 \phantom{0} \\ \underline{0} \\ 1 \phantom{0} \end{array}$$

次の計算をするために 2 を  
おろす

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 2 \blacksquare \\ 4 \overline{) 821} \\ \underline{8} \phantom{1} \\ 2 \phantom{1} \\ \underline{2} \\ 0 \phantom{1} \\ 1 \phantom{0} \\ \underline{0} \\ 1 \phantom{0} \end{array}$$

The diagram shows a long division problem: 4 divided into 821. The quotient is 2 followed by a green square. The first step shows 4 times 2 equals 8, which is subtracted from 8, leaving a remainder of 2. A blue '2' is written below the 2 in the quotient. Vertical dashed lines separate the digits of the dividend and the quotient.

4 ×  $\blacksquare$  が 2 をこえない  
いちばん大きい数字を考  
える

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 20 \\ 4 \overline{) 821} \\ \underline{8} \phantom{1} \\ 2 \phantom{1} \\ \underline{2} \\ 1 \end{array}$$

4 × 0 が 2 をこえない  
いちばん大きい数字を考  
える



# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 20 \\ 4 \overline{) 821} \\ \underline{8} \phantom{1} \\ 8 \phantom{1} \\ \underline{8} \phantom{1} \\ 2 \phantom{1} \\ \underline{2} \phantom{1} \\ 0 \phantom{1} \\ \underline{0} \phantom{1} \\ 1 \\ \underline{0} \\ 1 \end{array}$$

Handwritten long division of 821 by 4. The divisor 4 is on the left. The dividend 821 is written under a horizontal line. The quotient 20 is written above the line. The first step shows 4 times 2 equals 8, which is subtracted from 8. The second step shows 4 times 0 equals 0, which is subtracted from 2. The remainder 21 is shown below the line. The number 2 is written below the 21, indicating the next step. Vertical dashed lines separate the columns of the calculation.

4 × 0 = 0 だが

0 のときは次の位の計算に進む

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 20 \\ 4 \overline{) 821} \\ \underline{8} \phantom{0} \\ 2 \phantom{0} \\ \underline{2} \phantom{0} \\ 0 \phantom{0} \\ \underline{0} \phantom{0} \\ 0 \phantom{0} \end{array}$$

Diagram illustrating the long division of 821 by 4. The quotient is 20. The remainder is 1. A green arrow points down from the 1 in the dividend to the 1 in the remainder. Vertical dashed lines separate the digits of the dividend and the remainder.

次の計算をするために 1 を  
おろす

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 20 \blacksquare \\ 4 \overline{) 821} \\ \underline{8} \phantom{1} \\ 21 \end{array}$$

4 × ■ が 21 をこえない  
いちばん大きい数字を考  
える

## 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 205 \\ 4 \overline{) 821} \\ \underline{8} \phantom{1} \\ 21 \\ \underline{20} \\ 1 \end{array}$$

4 × 5 が 21 をこえない  
いちばん大きい数字を考  
える

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 205 \\ 4 \overline{) 821} \\ \underline{8} \phantom{1} \\ 21 \\ \underline{20} \\ 1 \end{array}$$

4 × 5 = 20 なので

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 205 \\ 4 \overline{) 821} \\ \underline{8} \phantom{00} \\ 21 \\ \underline{20} \\ 1 \end{array}$$

21 - 20 = 1 なので

# 821 ÷ 4 の筆算のしかた

$$\begin{array}{r} 205 \\ 4 \overline{) 821} \\ \underline{8} \phantom{0} \\ 21 \\ \underline{20} \\ 1 \end{array}$$

$$821 \div 4 = 205 \text{ あまり } 1$$