

Homework

Solve. Use the Place Value Sections Method for division.

Charlie has 944 baseball cards in his collection. He places the cards in an album with exactly 4 cards on each page. How many pages does Charlie fill in his baseball card album? 236 pages

$$\begin{array}{r} \underline{200} + \underline{30} + \underline{6} = 236 \text{ pages} \\ 4 \overline{) 944} \\ \underline{-800} \\ 144 \\ \underline{-120} \\ 24 \\ \underline{-24} \\ 0 \end{array}$$

1. A hardware store has 834 planks of wood to deliver to 6 building sites. If each site gets the same number of planks, how many planks should each building site get? _____

$$\begin{array}{r} \underline{} \underline{00} + \underline{} \underline{0} + \underline{} = \underline{} \\ \boxed{} \boxed{} \boxed{} \end{array}$$

Solve. Use the Expanded Notation Method for division.

2. A park planner is designing a rectangular butterfly garden. The plan is for the garden to have an area of 1,917 square feet. If the garden is 9 feet wide, how long is it? _____
3. A family drives 1,498 miles from Boston, Massachusetts to Miami, Florida. If they drive the same number of miles each day for 7 days, how many miles will they drive each day? _____

Remembering

Round each number to the nearest hundred.

1. 591 _____

2. 827 _____

3. 457 _____

Round each number to the nearest thousand.

4. 7,129 _____

5. 6,742 _____

6. 1,028 _____

Draw a rectangle. Find the tens product, the ones product, and the total product.

7. 4×29

8. 8×36

Divide with remainders.

9. $7 \overline{)38}$

10. $4 \overline{)29}$

11. $3 \overline{)14}$

12. Stretch Your Thinking Divide 594 by 3 using the Place Value Sections Method and Expanded Notation Method. Explain how you can check your answer using multiplication.

$$\begin{array}{|c|c|c|} \hline \text{___}00 & + & \text{___}0 & + & \text{___} & = & \text{___} \\ \hline 3 & \boxed{594} & \boxed{} & \boxed{} & & & \\ \hline \end{array}$$

$3 \overline{)594}$