

# MY Homework

## Lesson 8

### Divide Three- and Four-Digit Dividends

## Homework Helper



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Find  $630 \div 5$ .

**Estimate**  $600 \div 5 = 120$

**1** **Divide the hundreds.**

**Divide.**  $6 \div 5$

**Multiply.**  $1 \times 5$

**Subtract.**  $6 - 5$

**Compare.**  $1 < 5$

$$\begin{array}{r}
 126 \\
 5 \overline{)630} \\
 \underline{-5} \phantom{0} \\
 13 \phantom{0} \\
 \underline{-10} \phantom{0} \\
 30 \\
 \underline{-30} \\
 0
 \end{array}$$

**2** **Divide the tens.**

**Divide.**  $13 \div 5$

**Multiply.**  $2 \times 5$

**Subtract.**  $13 - 10$

**Compare.**  $3 < 5$

**3** **Divide the ones.**

**Divide.**  $30 \div 5$

**Multiply.**  $6 \times 5$

**Subtract.**  $30 - 30$

**Compare.**  $0 < 5$

So,  $630 \div 5 = 126$ .

**Check** Multiply to check your answer.  $126 \times 5 = 630$

## Practice

**Divide.**

1.  $3 \overline{)945}$

2.  $3 \overline{)493}$

3.  $6,315 \div 5 = \underline{\hspace{2cm}}$



## Problem Solving

Mathematical



**Use Number Sense** Mr. Peters has

4. **PRACTICE** Mr. Peters has 80 sheets of colored paper. Seven of his students need the paper for a project. How many sheets does each student get? How many sheets are left over?

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5. Tina has earned a total of 9,644 frequent flyer miles by traveling between Twin Falls and Preston. She has made this trip 4 times. How many miles is one trip between these two cities?

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6. A family of 4 spent \$104 for tickets to a concert. All of the tickets were the same price. What was the cost of each ticket?

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7. On Monday, a concession stand manager ordered 985 popcorn bags. She splits the bags evenly among 5 concession stands. How many popcorn bags will each concession stand receive?

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My Work!

Popcorn  
for sale!

## Test Practice

8. A great white shark weighed 4,302 pounds. This weight was 3 times the weight of a blue marlin fish. What was the weight of the blue marlin?

- (A) 1,402 pounds  
(B) 1,424 pounds  
(C) 1,434 pounds  
(D) 1,502 pounds

