# Lesson 13: Dividing Multi-Digit Numbers Using the Algorithm

## **Classwork**

### **Example 1**

Create a model to divide:  $1,755 \div 27$ .

Use the division algorithm to show  $1,755 \div 27$ .

Check your work

#### **Example 2**

Find the quotient of 205,276  $\div$  38.



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## **Example 3**

Find the quotient of  $17,216,673 \div 23$ .

#### Exercises 1-6

For each question, you need to do the following:

- Solve the question. Next to each line, explain your work using place value.
- Evaluate the reasonableness of your answer.
- 1.  $891,156 \div 12$

2.  $484,692 \div 78$ 



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3.  $281,886 \div 33$ 

4.  $2,295,517 \div 37$ 

5.  $952,448 \div 112$ 

6.  $1,823,535 \div 245$ 



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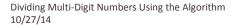


#### **Problem Set**

- 1.  $459,054 \div 54$
- $820,386 \div 102$
- 3.  $1,183,578 \div 227$







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