



# More Division

Let's divide.

Warm-up

## Estimation Exploration: Large Quotient

$$9,953 \div 37$$

Record an estimate that is:

| too low | about right | too high |
|---------|-------------|----------|
|         |             |          |

## Activity 1

### Elena's Work

1. Find the value of the quotient.

$$13 \overline{)6,773}$$

2. Here is how Elena found the quotient. Is her answer reasonable?

Explain or show your reasoning.

$$\begin{array}{r} \boxed{53} \\ 1 \\ 2 \\ 50 \\ 13 \overline{)6773} \\ - \underline{650} \quad (50 \times 13) \\ 273 \\ - \underline{26} \quad (2 \times 13) \\ 13 \\ - \underline{13} \quad (1 \times 13) \\ 0 \end{array}$$

3. What parts of the work do you agree with?

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4. What parts of the work do you disagree with?

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5. Look at your solution to problem 1. Is there anything you want to revise? Explain or show your reasoning.



## Activity 2

### Partial Quotients Practice

1. Use partial quotients to find the value of one of the quotients.

Partner A

Partner B

$$37 \overline{)2,516}$$

$$32 \overline{)2,272}$$

2. Explain to your partner how you found the quotient in your problem.

