

Investigating Remainders

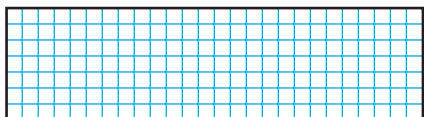
NCTM Standards 1, 2, 6, 7, 8, 9, 10

Find the whole-number quotient and, if present, the remainder. Then write a number sentence that checks the division. You can use a grid to help you.

1

$$7 \overline{)157}$$

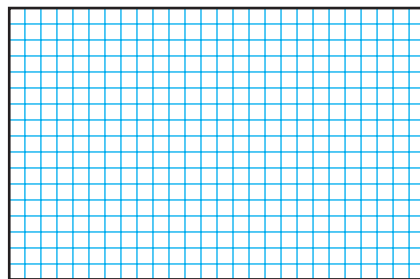
Number sentence:



2

$$17 \overline{)157}$$

Number sentence:



3

$$10 \overline{)157}$$

Number sentence:

4

$$5 \overline{)157}$$

Number sentence:

Show quotients with fractions, if needed. Then write a number sentence that checks the division. You can use a grid to help you.

5

$$12 \overline{)157}$$

Number sentence:

6

$$8 \overline{)157}$$

Number sentence:

Write the answers using whole numbers and remainders, or using fractions if you prefer.

7

$$24 \overline{) 3,266}$$

8

$$41 \overline{) 10,580}$$

9

$$35 \overline{) 11,975}$$

10 **Challenge** Show a way to check that your answer for Problem 9 is correct.