Tens Time

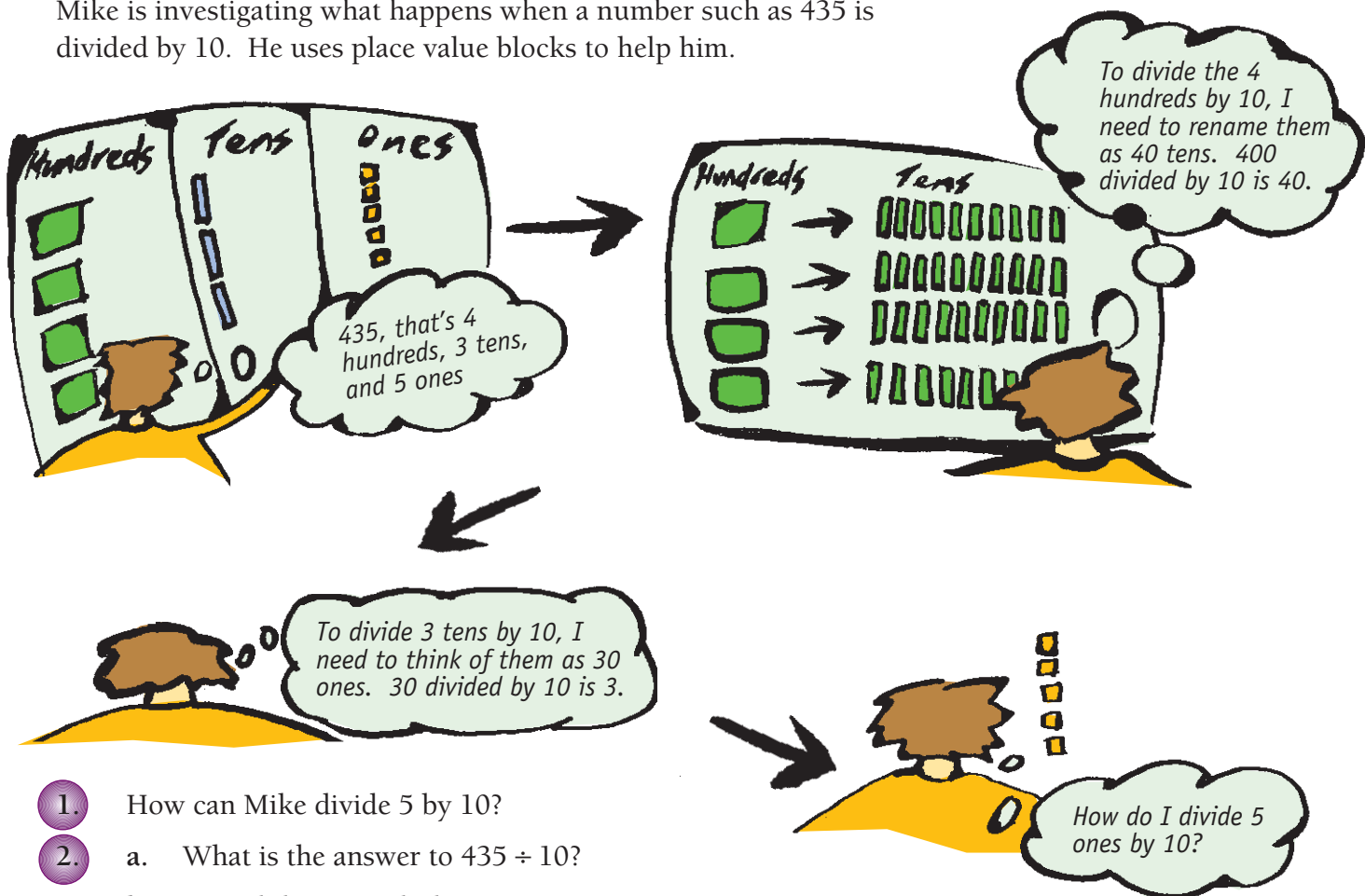**You need** ☑ place value blocks ☑ toy money
☑ a classmate

Activity One

Mike is investigating what happens when a number such as 435 is divided by 10. He uses place value blocks to help him.

> To divide the 4 hundreds by 10, I need to rename them as 40 tens. 400 divided by 10 is 40.

> 435, that's 4 hundreds, 3 tens, and 5 ones

> To divide 3 tens by 10, I need to think of them as 30 ones. 30 divided by 10 is 3.

> How do I divide 5 ones by 10?

1. How can Mike divide 5 by 10?

2. **a.** What is the answer to 435 ÷ 10?

   b. How did you work that out?

3. Like Mike, use place value blocks to find the answers to:

   a. 760 ÷ 10   **b.** 275 ÷ 10   **c.** 64 ÷ 10   **d.** 703 ÷ 10

   e. 594 ÷ 100   **f.** 350 ÷ 100   **g.** 5 600 ÷ 100   **h.** 8 ÷ 10

Activity Two

Ten hard-working friends earned $864. They shared the money equally between them. How much did each friend get?
Discuss with a classmate how you worked out the answers.

Dividing whole numbers by 10 and 100