

BUILD 0.306 WITH BLOCKS

- 1 Label the columns U t h th on the mat.
- 2 Place three small cubes in the th column for the 6 thousandths.
- 3 Place no blocks in the h column and three rods in the t column.

 WARM-UP

Fill one row of the mat for each decimal using the blocks.

U	t	h	th
	•		
	•		
	•		

1. Write 0.008 in the first row of the mat
2. Write 0.052 in the second row of the mat
3. Write 0.306 in the third row of the mat

 PRACTICE

- 1** In the classroom the teacher asks pupils to model **0.008** using the place-value blocks on the mat.
How many thousandths blocks make 0.008?

- 2 During maths time a pupil builds **0.052** on the school desk mat with the blocks.
Show 0.052 with blocks in the columns.

- 3 The class group works together to model 0.306 with concrete blocks in the classroom.

Th	H	T	U

- 4** After the lesson the teacher checks a pupil's model of **1.009** using blocks.

H	T	U

- 5** In the school activity one team sketches **2.405** with visual blocks on paper.
Draw blocks for 2.405 in the columns.

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. The th column is the third decimal place when modelling thousandths.
- b. Ten small cubes make one rod when showing thousandths.
- c. A number less than one needs blocks in the U column.
- d. A flat block is worth 1 when modelling thousandths.