

BIGGEST AND SMALLEST WITH 3, 7 AND 5

- 1 Look at the three digits 3, 7 and 5.
- 2 To make the biggest number place the largest digit **7** in the hundreds column.
- 3 Next place **5** in the tens column and **3** in the units column.
- 4 To make the smallest number place the smallest digit **3** in the hundreds column.
- 5 Then place **5** in the tens and **7** in the units.

 WARM-UP

Write each required number into its own H T U place-value chart.

Th	H	T	U

1. Build the biggest number from 2, 6 and 9 in the first H T U chart
2. Build the smallest number from 7, 0 and 3 in the second H T U chart
3. Build the biggest number from 5, 1 and 4 in the third H T U chart

 PRACTICE

- 1 In a board-game Tom draws digit cards **4**, **8** and **1**. What biggest and smallest three-digit scores can he make?
- 2 Mia plays a card game and gets digits **6**, **3** and **8**. What is the biggest number and the smallest number she can build?
- 3 During playground number bingo Sam picks cards **9**, **2** and **7**. Find the biggest and smallest three-digit numbers he can make.
- 4 At the toy shop till Ben uses digit stamps **4**, **0** and **6** for a game score. What is the biggest number and the smallest three-digit number he can stamp?

ALWAYS, SOMETIMES, NEVER

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

- a. The largest digit is placed in the hundreds column to make the biggest number.
- b. The smallest digit is placed in the hundreds column to make the smallest three-digit number.
- c. Zero can sit in the hundreds column of a three-digit number.
- d. Digits are written from largest to smallest to form the biggest number.

REFLECT

When you move a digit left or right, how does its value change?