

READING BARS ON A SCALE OF TWO

- 1 Read the scale marks up the side: 0, 2, 4, 6, 8.
- 2 Find the bar for pencils. It reaches exactly the **4** mark.
- 3 The pencils bar shows **4**.
- 4 Find the bar for books. It stops halfway between the **6** and **8** marks.
- 5 Halfway between 6 and 8 is **7**, so books show **7**.

 WARM-UP

Draw the bars on the blank classroom bar chart.



1. Draw a bar for pencils that reaches the 4 mark.
2. Draw a bar for books that stops halfway between 2 and 4 to show 3.
3. Draw a bar for rulers that reaches the 2 mark.

 PRACTICE

- 1 In class the bar chart of school items has a scale of two. The pencils bar reaches the 4 mark. How many pencils are shown?
- 2 The classroom chart uses marks 0, 2, 4, 6, 8. The rulers bar sits on the 2 mark. How many rulers does it show?
- 3 On the school bar chart with a scale of two the chairs bar goes right up to the 8 mark. How many chairs are there?
- 4 The bar for crayons on the classroom chart stops halfway between the 10 and 12 marks. What number of crayons does the bar show?

ALWAYS, SOMETIMES, NEVER

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

- a. A bar that reaches the 4 mark on a scale of two shows 4.
- b. A bar halfway between the 6 and 8 marks shows 7.
- c. A bar on the 2 mark shows 1.
- d. When bars stop between marks on a scale of two the value is an odd number.

REFLECT

How can you tell an odd count when the scale goes up in twos?