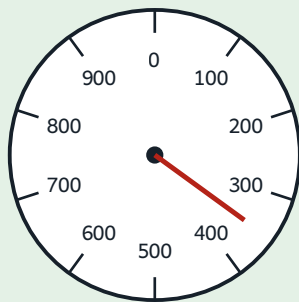


READING A WEIGHING SCALE

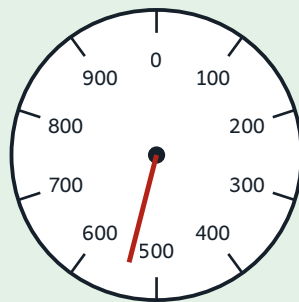
- 1 Count the spaces between 200 g and 300 g: there are 5.
- 2 Divide 100 g by 5 to get 20 g per space.
- 3 The needle is on the second space after 200 g so add 40 g.
- 4 The reading is 240 g.

WARM-UP

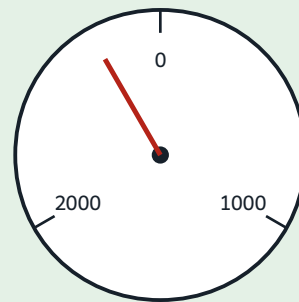
Read each dial and write the mass shown.



Scale A



Scale B



Scale C

1. Read Scale A
2. Read Scale B
3. Read Scale C

PRACTICE

- 1 The builder fills a jug marked with 5 spaces between 500 ml and 600 ml. The juice reaches the fourth space after 500 ml. How much is in the jug?
- 2 The wood piece is measured on a ruler with 10 spaces between 12 cm and 13 cm. The end of the wood sits on the fifth space after 12 cm. How long is the piece?
- 3 The toolbox sits on a scale with 4 spaces between 2000 g and 3000 g. The needle stops on the first space after 2000 g. What mass does it show?

? ALWAYS, SOMETIMES, NEVER

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

- a. Counting spaces between numbered marks and dividing the gap gives the value of one small division
- b. To read a pointer halfway between two marks, you first find what one space is worth.
- c. The value of one small space changes if the pointer moves to a new gap
- d. Rounding the reading to the nearest whole unit is needed after finding the exact value