

COMPARING LAP DISTANCES

- 1 Write the pair with points lined up: 0.6 above 0.45.
- 2 Look at the tenths place first: 6 is greater than 4.
- 3 Stop there - 0.6 is the bigger decimal even though it looks shorter.

WARM-UP

Write each decimal on the place-value mat, one digit per cell, then compare.

U	t	h

1. Write 0.6 in row 1 and 0.45 in row 2 then circle the bigger value
2. Write 0.32 in row 3 and 0.4 in row 4 then circle the bigger value
3. Write 1.45 in row 5 and 1.5 in row 6 then circle the bigger value

PRACTICE

- 1 In the school race one pupil covered 0.3 of the track and another covered 0.7. Which symbol shows the correct comparison?
- 2 Two friends each ran part of a lap in PE. One ran 0.9 of the lap and the other ran 0.55. Who ran further?
- 3 A class measured two pencil lengths as 0.08 of a metre and 0.1 of a metre. Which symbol goes between them?
- 4 On the number line in the classroom the markers show 0.26 and 0.5. Which way should the comparison sign point?
- 5 One reading book is 0.08 of the shelf long and another is 0.8 of the shelf long. Which book takes more space?

? ALWAYS, SOMETIMES, NEVER

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

- a. 0.6 is larger than 0.45
- b. A decimal that looks longer is the larger one
- c. 0.5 is the same value as 0.50
- d. 0.06 is larger than 0.6