Choose and construct bisectors

Stage 01 | Recognise | 8 mixed items

Stage 01: Recognise construction tools

Recognise

Show your working or construction on paper. State units where asked. For questions 7 and 8, explain your method. Numerical entries may be rounded to 2 decimal places.

Name: _____ Date: _____

Work on separate paper. Plot and label figures; retain compass arcs. Give a reason for items 7 and 8.

1. Which tool draws a circular arc of radius 3 cm centred at B?

2. Which tool draws a circular arc of radius 4 cm centred at P?

3. Which tool draws a circular arc of radius 4.5 cm centred at Q?

4. Which tool draws a circular arc of radius 5 cm centred at U?

5. Which tool draws a circular arc of radius 6 cm centred at R?

6. Which tool draws a circular arc of radius 2 cm centred at A?

7. Diagnose an error. Which tool draws a circular arc of radius 3 cm centred at B? A learner answers “Ruler”. Give the correct answer and identify why the proposed answer fails.

8. Explain your choice. Which tool draws a circular arc of radius 4 cm centred at P?

Mr. Devonish

Self-check after attempting: use the separate answer key on the skill page. Correct reasoning and a valid drawing matter as well as the final answer.