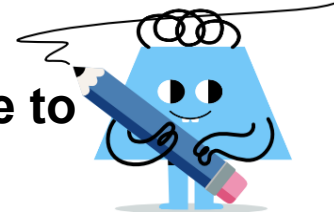
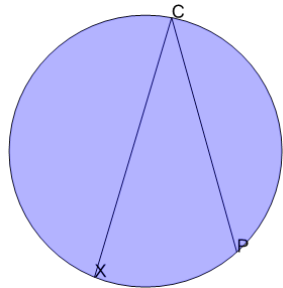


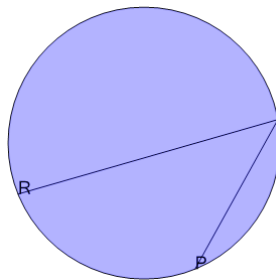


## Geometry of Circles - Subtended Angle to Arc Definition

**1**

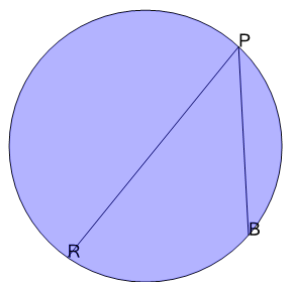
What arc subtends angle PCX?

|   |    |   |    |
|---|----|---|----|
| A | XC | B | PX |
| C | PC | D | CP |
| E | CX |   |    |

**2**

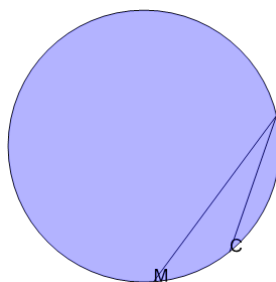
What arc subtends angle PZR?

|   |    |   |    |
|---|----|---|----|
| A | RZ | B | PR |
| C | ZR | D | PZ |
| E | ZP |   |    |

**3**

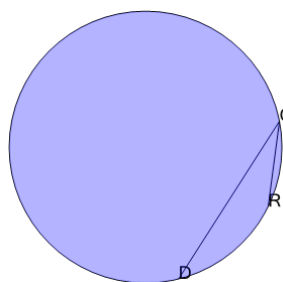
What arc subtends angle BPR?

|   |    |   |    |
|---|----|---|----|
| A | PR | B | RP |
| C | BP | D | PB |
| E | BR |   |    |

**4**

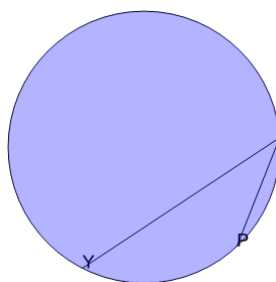
What arc subtends angle CYM?

|   |    |   |    |
|---|----|---|----|
| A | MY | B | YM |
| C | YC | D | CM |
| E | CY |   |    |

**5**

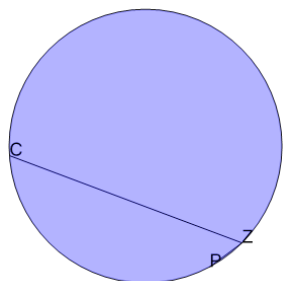
What arc subtends angle RCD?

|   |    |   |    |
|---|----|---|----|
| A | CR | B | RC |
| C | DC | D | CD |
| E | RD |   |    |

**6**

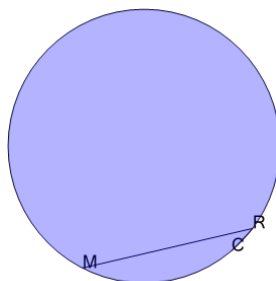
What arc subtends angle PBY?

|   |    |   |    |
|---|----|---|----|
| A | BP | B | PY |
| C | BY | D | PB |
| E | YB |   |    |

**7**

What arc subtends angle PZC?

|   |    |   |    |
|---|----|---|----|
| A | CZ | B | PZ |
| C | PC | D | ZP |
| E | ZC |   |    |

**8**

What arc subtends angle CRM?

|   |    |   |    |
|---|----|---|----|
| A | CM | B | MR |
| C | RC | D | CR |
| E | RM |   |    |