

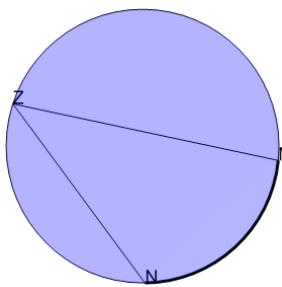
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Math worksheet on 'Geometry of Circles - Inscribed Angle from Intersected Arc (Level 2)'. Part of a broader unit on 'Geometry - Intermediate - Intro'

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2

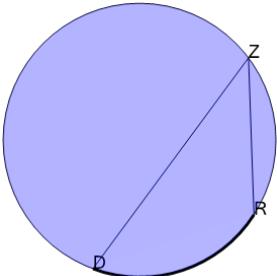
Find angle MZN if the intersected arc MN is 83°



- | | | | |
|----------|--------------|----------|--------------|
| a | 21.5° | b | 46.5° |
| c | 166° | d | 41.5° |
| e | 61.5° | f | 51.5° |

1

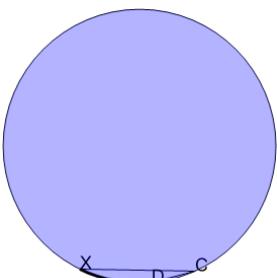
Find angle RZD if the intersected arc RD is 77°



- | | | | |
|----------|--------------|----------|--------------|
| a | 28.5° | b | 13.5° |
| c | 58.5° | d | 38.5° |
| e | 43.5° | f | 154° |

3

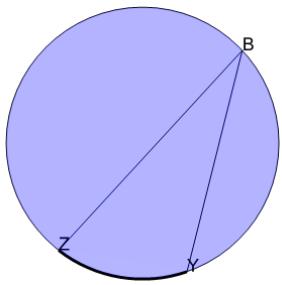
Find angle DCX if the intersected arc DX is 31°



- | | | | |
|----------|--------------|----------|--------------|
| a | 62° | b | 9.5° |
| c | 5.5° | d | 35.5° |
| e | 25.5° | f | 15.5° |

4

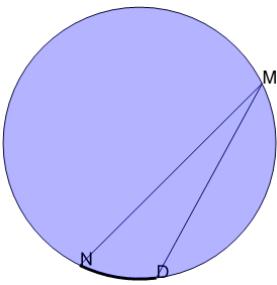
Find angle YBZ if the intersected arc YZ is 57°



- | | | | |
|----------|--------------|----------|--------------|
| a | 28.5° | b | 18.5° |
| c | 33.5° | d | 23.5° |
| e | 8.5° | f | 114° |

5

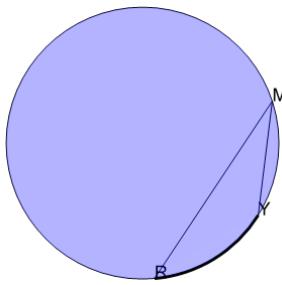
Find angle DMN if the intersected arc DN is 33°



- | | | | |
|----------|--------------|----------|-------------|
| a | 26.5° | b | 1.5° |
| c | 16.5° | d | 66° |
| e | 21.5° | f | 3.5° |

6

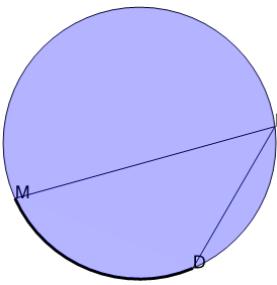
Find angle YMR if the intersected arc YR is 53°



- | | | | |
|----------|--------------|----------|--------------|
| a | 31.5° | b | 106° |
| c | 36.5° | d | 21.5° |
| e | 46.5° | f | 26.5° |

7

Find angle DRM if the intersected arc DM is 89°



- | | | | |
|----------|--------------|----------|--------------|
| a | 39.5° | b | 54.5° |
| c | 59.5° | d | 178° |
| e | 44.5° | f | 64.5° |