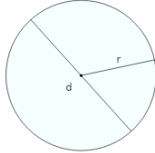




Solve problems involving radius and diameter

**1**

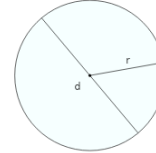
If 'r' is the radius, what is the diameter 'd'?



- | | | |
|----------------------|------------------------------------|------------------|
| A d and r add to 360 | B d and r add to 90 | C d is half of r |
| D d is the same as r | E Nothing, d and r are not related | F d is twice r |

2

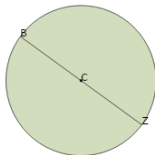
If 'd' is the diameter, what is the radius 'r'?



- | | | |
|----------------------|------------------------------------|----------------------|
| A r and d add to 360 | B Nothing, r and d are not related | C r is the same as d |
| D r and d add to 180 | E r is twice d | F r is half of d |

3

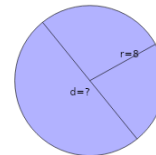
What is known about diameter BCZ given radius CZ?



- | | | |
|-------------------------|-------------------------|---------------------------------------|
| A BCZ is twice CZ | B BCZ and CZ add to 180 | C Nothing, BCZ and CZ are not related |
| D BCZ is the same as CZ | E BCZ and CZ add to 360 | F BCZ is half of CZ |

4

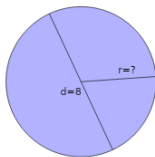
Find the diameter of the circle that has the given radius



- | | | |
|------|------|------|
| A 19 | B 14 | C 16 |
| D 17 | E 18 | F 13 |

5

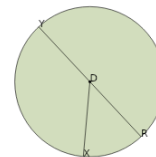
Find the radius of the circle that has the given diameter



- | | | |
|-----|-----|-----|
| A 3 | B 5 | C 4 |
| D 2 | E 6 | |

6

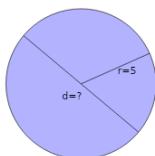
What is known about radius DX given diameter YDR?



- | | | |
|---------------------------------------|-------------------------|---------------------|
| A Nothing, DX and YDR are not related | B DX and YDR add to 180 | C DX is twice YDR |
| D DX and YDR add to 360 | E DX is the same as YDR | F DX is half of YDR |

7

Find the diameter of the circle that has the given radius



- | | | |
|------|------|------|
| A 11 | B 10 | C 5 |
| D 6 | E 7 | F 14 |

8

Find the radius of the circle that has the given diameter



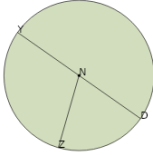
- | | | |
|-----|-----|-----|
| A 3 | B 0 | C 1 |
| D 4 | E 2 | |



Solve problems involving radius and diameter

9

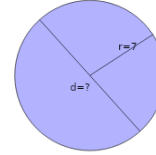
What is known about radius NZ given diameter YND



- | | | |
|-------------------------|-------------------------|---------------------------------------|
| A NZ is the same as YND | B NZ and YND add to 180 | C NZ is half of YND |
| D NZ is twice YND | E NZ and YND add to 360 | F Nothing, NZ and YND are not related |

10

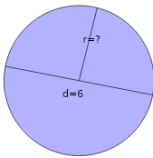
Find the diameter of the circle that has the given radius



- | | | |
|------|------|------|
| A 11 | B 13 | C 17 |
| D 12 | E 15 | F 14 |

11

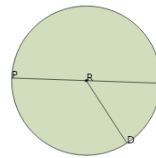
Find the radius of the circle that has the given diameter



- | | | |
|-----|-----|-----|
| A 2 | B 5 | C 3 |
| D 1 | E 4 | |

12

What is known about radius RD given diameter PRC



- | | | |
|-------------------------|---------------------------------------|---------------------|
| A RD and PRC add to 360 | B Nothing, RD and PRC are not related | C RD is twice PRC |
| D RD and PRC add to 180 | E RD is the same as PRC | F RD is half of PRC |