



Math worksheet on 'Circles - Rule to Find Diameter from Radius (Level 1)'. Part of a broader unit on 'Geometry - Intermediate - Intro'

Learn online: app.mobius.academy/math/units/geometry_intermediate_intro/

2

What is known about diameter CRD given radius RD

| | |
|----------|-----------------------|
| a | CRD and RD add to 180 |
| b | CRD is half of RD |
| c | CRD and RD add to 90 |
| d | CRD and RD add to 180 |
| e | CRD is the same as RD |
| f | CRD is twice RD |

1

What is known about diameter NCD given radius CD

| | |
|----------|-----------------------|
| a | NCD and CD add to 180 |
| b | NCD and CD add to 90 |
| c | Nothing, NCD and CD |
| d | NCD is twice CD |
| e | NCD is half of CD |
| f | NCD and CD add to 90 |

3

What is known about diameter PDM given radius DM

| | |
|----------|-----------------------|
| a | PDM is twice DM |
| b | PDM is the same as DM |
| c | Nothing, PDM and DM |
| d | PDM and DM add to 180 |
| e | PDM is half of DM |
| f | PDM and DM add to 90 |

4

What is known about diameter YRM given radius RM

| | |
|----------|-----------------------|
| a | YRM is half of RM |
| b | YRM and RM add to 180 |
| c | YRM is twice RM |
| d | YRM and RM add to 90 |
| e | YRM is the same as RM |
| f | Nothing, YRM and RM |

5

What is known about diameter BZC given radius ZC

| | |
|----------|-----------------------|
| a | BZC is half of ZC |
| b | BZC and ZC add to 180 |
| c | Nothing, BZC and ZC |
| d | BZC is twice ZC |
| e | BZC is the same as ZC |
| f | BZC and ZC add to 90 |

6

What is known about diameter PBR given radius BR

| | |
|----------|-----------------------|
| a | PBR is the same as BR |
| b | PBR and BR add to 180 |
| c | PBR and BR add to 360 |
| d | PBR is twice BR |
| e | PBR is half of BR |
| f | PBR and BR add to 90 |

7

What is known about diameter MBR given radius BR

| | |
|----------|-----------------------|
| a | MBR and BR add to 90 |
| b | MBR is the same as BR |
| c | MBR is twice BR |
| d | MBR is half of BR |
| e | MBR and BR add to 180 |
| f | MBR and BR add to 90 |