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Math worksheet on *'Area of a Circle - Equation to Diameter (Level 1)'*. Part of a broader unit on *'Geometry - Circle Area - Intro'*

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1 Given this equation for the area, what is the diameter of this circle

$$\pi \cdot \left(\frac{18}{2}\right)^2$$

a	b
d = 22	d = 20
c d = 21	**d** d = 18
e d = 16	**f** d = 17

2 Given this equation for the area, what is the diameter of this circle

$$\pi \cdot \left(\frac{16}{2}\right)^2$$

a	b
d = 16	d = 20
c d = 14	**d** d = 17
e d = 18	**f** d = 19

3 Given this equation for the area, what is the diameter of this circle

$$\pi \cdot \left(\frac{10}{2}\right)^2$$

a	b
d = 10	d = 13
c d = 11	**d** d = 14
e d = 5	**f** d = 8

4 Given this equation for the area, what is the diameter of this circle

$$\pi \cdot \left(\frac{12}{2}\right)^2$$

a	b
d = 7	d = 14
c d = 13	**d** d = 12
e d = 11	**f** d = 8

5 Given this equation for the area, what is the diameter of this circle

$$\pi \cdot \left(\frac{4}{2}\right)^2$$

a	b	c
d = 2	d = 1	d = 5
d d = 7	**e** d = 6	**f** d = 4

6 Given this equation for the area, what is the diameter of this circle

$$\pi \cdot \left(\frac{20}{2}\right)^2$$

a	b
d = 17	d = 19
c d = 15	**d** d = 20
e d = 18	**f** d = 22

7 Given this equation for the area, what is the diameter of this circle

$$\pi \cdot \left(\frac{6}{2}\right)^2$$

a	b
d = 8	d = 4
c d = 6	**d** d = 7
e d = 10	**f** d = 9