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Math worksheet on *'Circumference - Radius and Pi Definition to Equation (Symbols) (Level 1)'*. Part of a broader unit on *'Geometry - Circle Circumference - Intro'*

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

1 Given this information, what is the circumference of this circle

$$C = 2 \cdot \pi \cdot r$$
$$radius = 2$$

a	b
$C = 2 \cdot \pi \cdot 2$	$C = \pi \cdot (\frac{0}{2})^2$
c	**d**
$C = \pi \cdot (\frac{2}{2})^2$	$C = \pi \cdot 2^2$
e	**f**
$C = \pi \cdot 1^2$	$C = \frac{\pi}{3}$

2 Given this information, what is the circumference of this circle

$$C = 2 \cdot \pi \cdot r$$
$$radius = 6$$

a	b
$C = \frac{\pi}{6}$	$C = 2 \cdot \pi \cdot 6$
c	**d**
$C = \pi \cdot 3$	$C = \pi \cdot 8$
e	**f**
$C = \frac{\pi}{3}$	$C = \pi \cdot 6$

3 Given this information, what is the circumference of this circle

$$C = 2 \cdot \pi \cdot r$$
$$radius = 10$$

a	b
$C = \pi \cdot 5$	$C = \pi \cdot 13^2$
c	**d**
$C = \pi \cdot (\frac{14}{2})^2$	$C = 2 \cdot \pi \cdot 10$
e	**f**
$C = \pi \cdot 5^2$	$C = \frac{\pi}{14}$

4 Given this information, what is the circumference of this circle

$$C = 2 \cdot \pi \cdot r$$
$$radius = 12$$

a	b
$C = \frac{\pi}{12}$	$C = \pi \cdot 6^2$
c	**d**
$C = 2 \cdot \pi \cdot 12$	$C = \frac{\pi}{8}$
e	**f**
$C = \pi \cdot 12^2$	$C = \pi \cdot 15$

5 Given this information, what is the circumference of this circle

$$C = 2 \cdot \pi \cdot r$$
$$radius = 4$$

a	b
$C = \pi \cdot 5^2$	$C = \frac{\pi}{4}$
c	**d**
$C = \pi \cdot 2^2$	$C = 2 \cdot \pi \cdot 4$
e	**f**
$C = \frac{\pi}{2}$	$C = \pi \cdot 4$

6 Given this information, what is the circumference of this circle

$$C = 2 \cdot \pi \cdot r$$
$$radius = 11$$

a	b
$C = \pi \cdot 12$	$C = 2 \cdot \pi \cdot 11$
c	**d**
$C = \pi \cdot 12^2$	$C = \frac{\pi}{6}$
e	**f**
$C = \pi \cdot 8$	$C = \pi \cdot 11$

7 Given this information, what is the circumference of this circle

$$C = 2 \cdot \pi \cdot r$$
$$radius = 8$$

a	b
$C = \pi \cdot 6^2$	$C = \pi \cdot 6$
c	**d**
$C = \pi \cdot 12^2$	$C = \pi \cdot 4^2$
e	**f**
$C = \pi \cdot 7$	$C = 2 \cdot \pi \cdot 8$