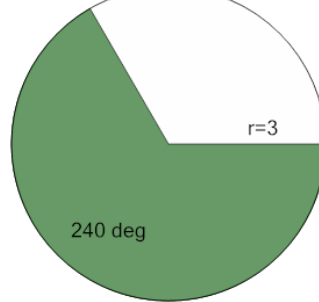# Mobius Math Club

Name:_____

mobius

Math worksheet on *'Area of a Circle Sector From Angle to Area (Closest Integer) (Level 3)'*. Part of a broader unit on *'Geometry - Circle Area, Sectors and Donuts - Intro'*
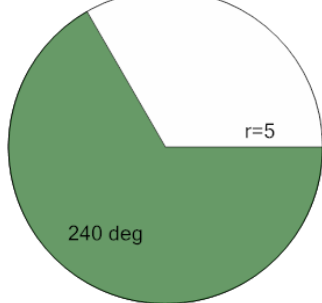
Learn online:

app.mobius.academy/math/units/geometry_circles_sector_donut_area_logic_intro/

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1 Find the area (to the closest integer) of the green shaded sector with an angle of 240º in the circle with radius 3
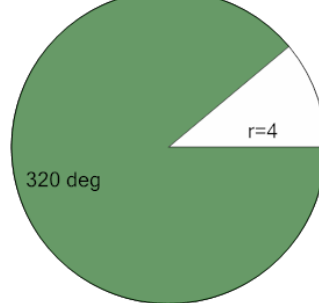

a	b	c
19	23	15
d	**e**	**f**
9	24	12

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2 Find the area (to the closest integer) of the green shaded sector with an angle of 240º in the circle with radius 5
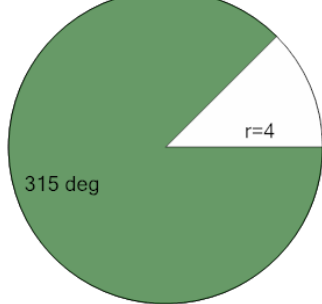

a	b	c
22	2	52
d	**e**	**f**
57	47	72

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3 Find the area (to the closest integer) of the green shaded sector with an angle of 320º in the circle with radius 4

a	b	c
57	33	81
d	**e**	**f**
73	45	41

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4 Find the area (to the closest integer) of the green shaded sector with an angle of 315º in the circle with radius 4

a	b	c
36	12	52
d	**e**	**f**
24	44	72

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5 Find the area (to the closest integer) of the green shaded sector with an angle of 315º in the circle with radius 5
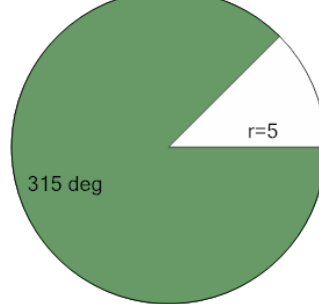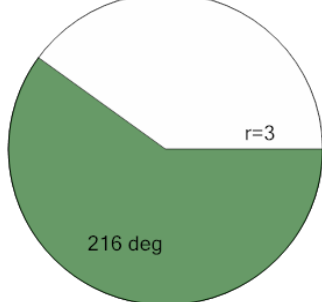

a	b	c
99	69	45
d	**e**	**f**
39	93	57

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6 Find the area (to the closest integer) of the green shaded sector with an angle of 216º in the circle with radius 3

a	b	c
22	18	13
d	**e**	**f**
26	17	21

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7 Find the area (to the closest integer) of the green shaded sector with an angle of 135º in the circle with radius 4
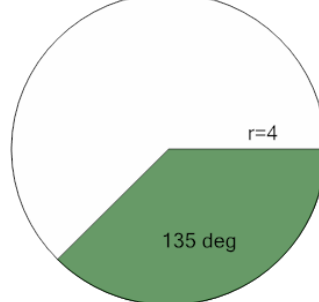

a	b	c
26	11	22
d	**e**	**f**
19	10	23