

# Just Plane Geometry

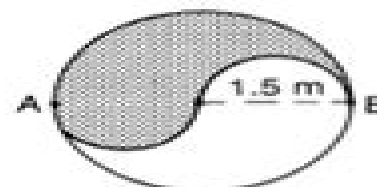
THERE IS ONE KIND OF PERSON WHO LOVES PLANE GEOMETRY. TO FIND OUT WHO:

Solve each problem (use  $\pi \div 3.14$ ) and find your answers at the bottom of the page. Shade in the letter above each correct answer. When you finish, you will know who loves plane geometry!

- ① A What is the area of the inscribed circle?  
 B What is the area of the shaded region?  
 C What is the circumference of the inscribed circle?

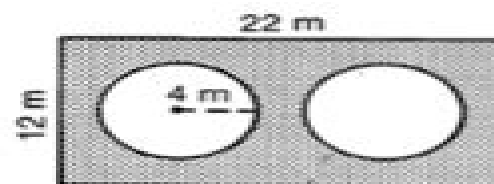


- ② A What is the area of the large circle?  
 B What is the area of the shaded region?  
 C What is the distance from A to B along the S-shaped curve?  
 D What is the circumference of the large circle?



- ③ If a circle has a circumference of 8.4 cm, what is the diameter of the circle to the nearest 0.1 cm?

- ④ A What is the circumference of each small circle?  
 B What is the area of each small circle?  
 C What is the area of the shaded region?



- ⑤ If a circle has a circumference of 14.5 cm, what is the radius of the circle to the nearest 0.1 cm?

- ⑥ A What is the distance around this track?  
 B What is the area of the shaded region?  
 C What is the area of the complete region inside the track?



O	L	D	F	L	A	G	S	H	A	V	E	4	8	S	T	A	R	S
56.52 m	9174 m <sup>2</sup>	400 m	4.71 m	254.34 m <sup>2</sup>	5426 m <sup>2</sup>	50.24 m <sup>2</sup>	2.3 cm	3.5325 m <sup>2</sup>	2.7 cm	2.5 cm	163.52 m <sup>2</sup>	25.12 m	98.24 m <sup>2</sup>	7.065 m <sup>2</sup>	2826 m <sup>2</sup>	69.66 m <sup>2</sup>	440 m	9.42 m

# Measurements Of Geometry Punchline

**Ian Pickup**



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