

Crack the Safe: Circles

No	Question	Answer
1	What is the perimeter of a circle with diameter 10cm?	31.4
2	What is the circumference of a circle with diameter 12cm?	37.68
3	What is the circumference of a circle with radius 8m?	50.24
4	What is 6 squared? (6^2)	36
5	What is the area of a circle with radius 6m?	113.04
6	What is the area of a circle with diameter 10cm?	78.5
7	What is the area of a semi-circle with radius 9mm?	127.17
8	What is the perimeter of a semi-circle with diameter 15cm?	38.55

The code is the total of all of the answers, rounded to the nearest whole number.

512.58 → 513

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What is the rule for the area of a circle? _____

What is the rule for the circumference of a circle? _____

For each question use $\pi = 3.14$

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3	What is the circumference of a circle with radius 8m?	
4	What is 6 squared? (6^2)	
5	What is the area of a circle with radius 6m?	
6	What is the area of a circle with diameter 10cm?	
7	What is the area of a semi-circle with radius 9mm?	
8	What is the perimeter of a semi-circle with diameter 15cm?	



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