

***** (PART 1) *****

Enter the edge length for cube: 13

Surface Area: 1014.00, Volume: 2197.00

Enter side length for rectangular prism: 34

Enter side width: 14

Enter side height: 17

Surface Area: 2584.00, Volume: 8092.00

Enter the radius for sphere: 8

Surface Area: 803.84, Volume: 2143.57

Enter the radius for cone: 19

Enter the height: 35

Surface Area: 3509.48, Volume: 13224.63

***** (PART 2) *****

Please enter your weight (kg): 55

Please enter your height (m): 1.87

Your BMI is : 15.73, you are underweight.

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***** (PART 1) *****

Enter the edge length for cube: 5

Surface Area: 150.00, Volume: 125.00

Enter side length for rectangular prism: 10

Enter side width: 6

Enter side height: 3

Surface Area: 216.00, Volume: 180.00

Enter the radius for sphere: 6

Surface Area: 452.16, Volume: 904.32

Enter the radius for cone: 8

Enter the height: 3

Surface Area: 415.59, Volume: 200.96

***** (PART 2) *****

Please enter your weight (kg): 72

Please enter your height (m): 1.78

Your BMI is : 22.72, you are average weight.

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***** (PART 1) *****

Enter the edge length for cube: 24

Surface Area: 3456.00, Volume: 13824.00

Enter side length for rectangular prism: 18

Enter side width: 11

Enter side height: 13

Surface Area: 1150.00, Volume: 2574.00

Enter the radius for sphere: 25

Surface Area: 7850.00, Volume: 65416.67

Enter the radius for cone: 14

Enter the height: 41

Surface Area: 2519.98, Volume: 8411.01

***** (PART 2) *****

Please enter your weight (kg): 80

Please enter your height (m): 1.70

Your BMI is : 27.68, you are over weight.

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***** (PART 1) *****

Enter the edge length for cube: 11

Surface Area: 726.00, Volume: 1331.00

Enter side length for rectangular prism: 17

Enter side width: 7

Enter side height: 3

Surface Area: 382.00, Volume: 357.00

Enter the radius for sphere: 32

Surface Area: 12861.44, Volume: 137188.69

Enter the radius for cone: 7

Enter the height: 5

Surface Area: 342.94, Volume: 256.43

***** (PART 2) *****

Please enter your weight (kg): 95

Please enter your height (m): 1.72

Your BMI is : 32.11, you are obese.

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