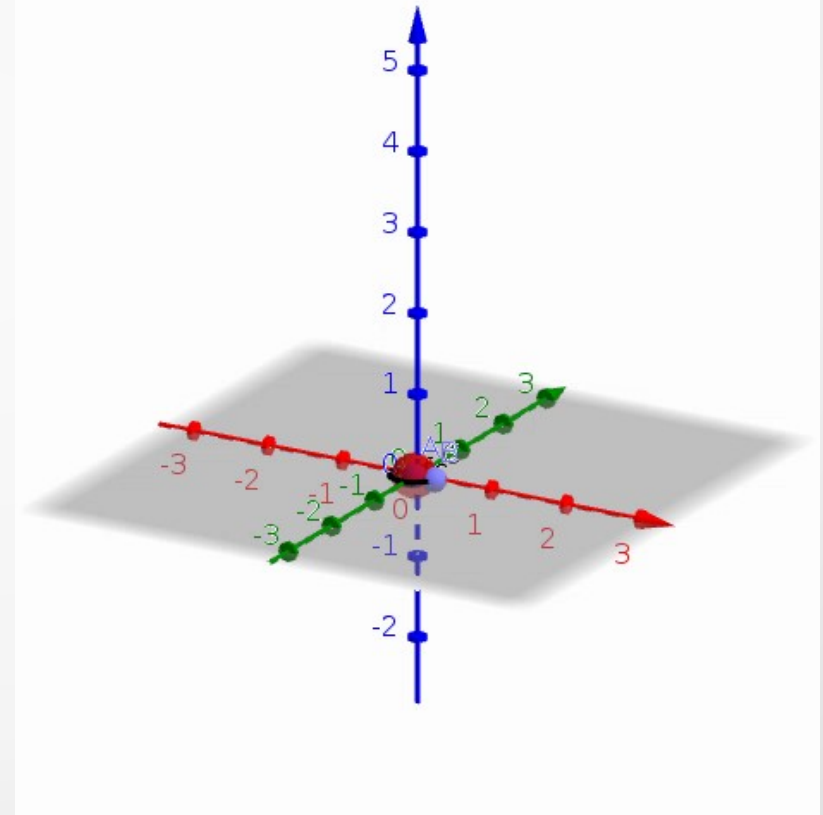


Surface of sphere

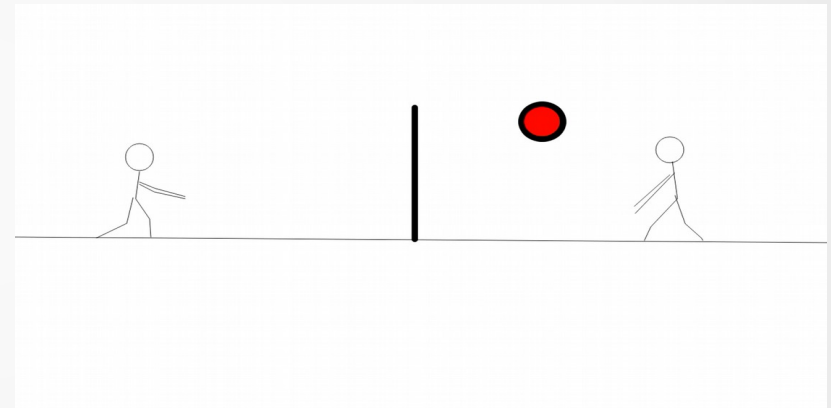
By
Pramod V.
1st year B.Ed.





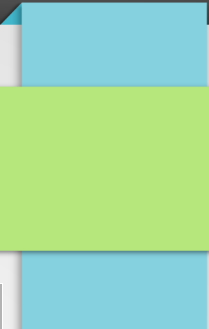
- Volley ball
- Spherical geometrical figure
- Picture from (https://pixabay.com/p-2582097/?no_redirect)

- What do you need to know to make the ball from a fabric?
- Source
- (<http://www.orange freesounds.com/hit-sound/>)



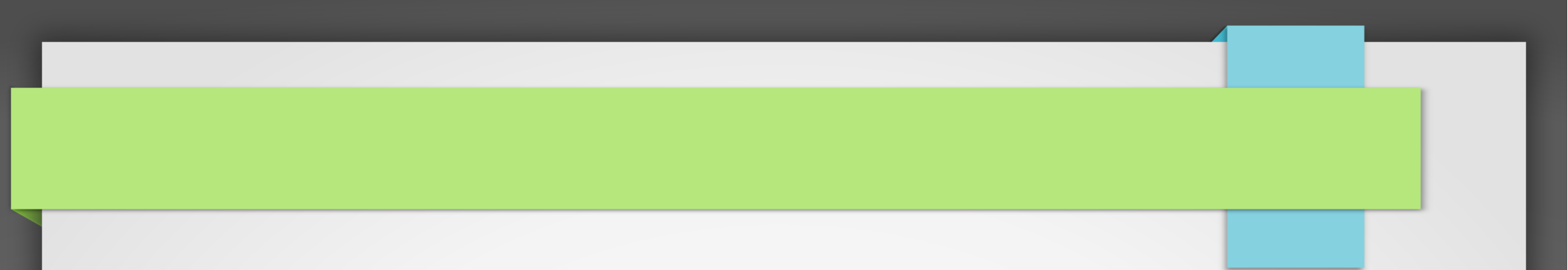


- 1. How big is the handkerchief when $l=15\text{cm}$, $b=15\text{cm}$
- 2. How big is the pizza when $r=16\text{cm}$
- 3. How big is the cloth when $l=3\text{m}$, $b=1\text{m}$



Example	length	breadth	radius	How big	observation
1.Handkerchief					
2.Pizza					
3.Cloth					

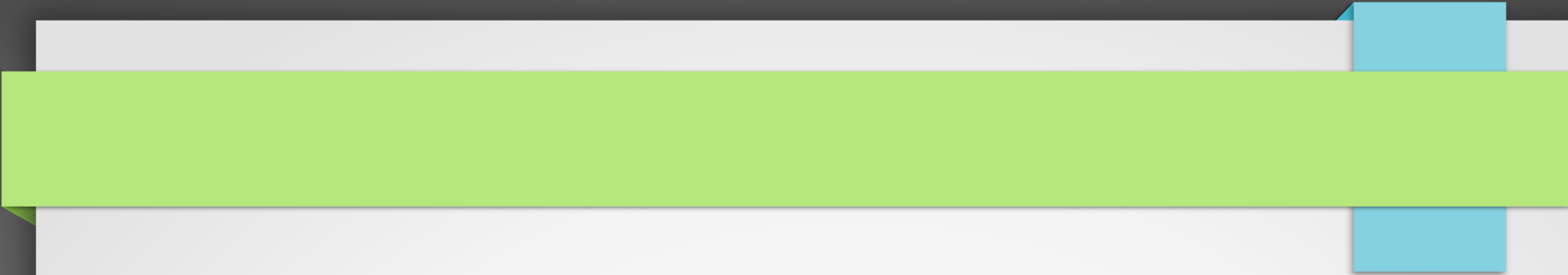
You are required to produce blanket with surface area 4m^2 , the length of the blanket is $(x+1)\text{m}$ and the breadth is 2m . Find out x ?



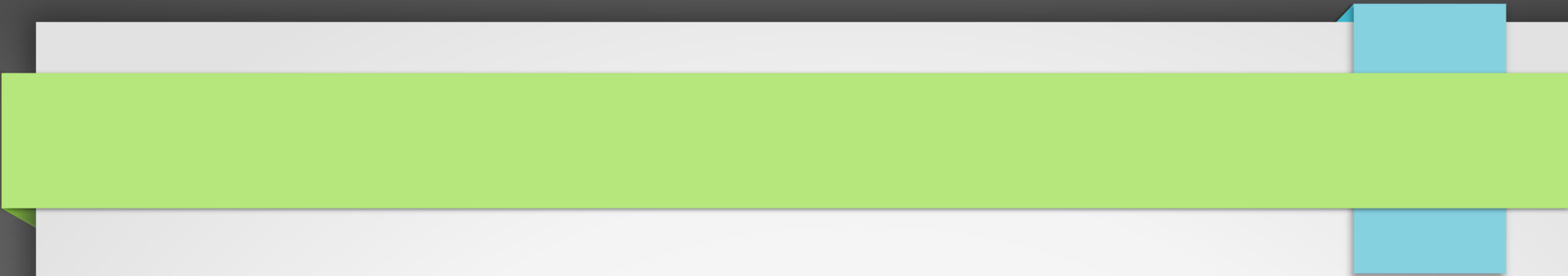
Ball is spherical object.
How will you find the surface area of a
sphere?

- Video taken from you tube

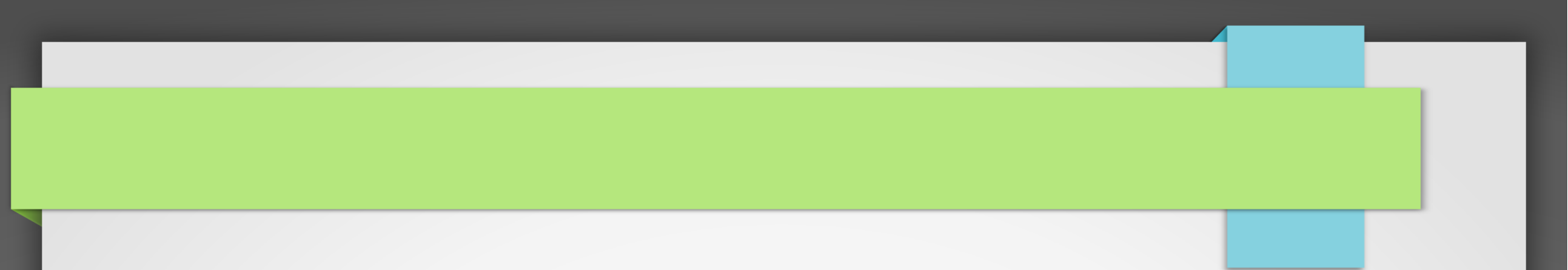




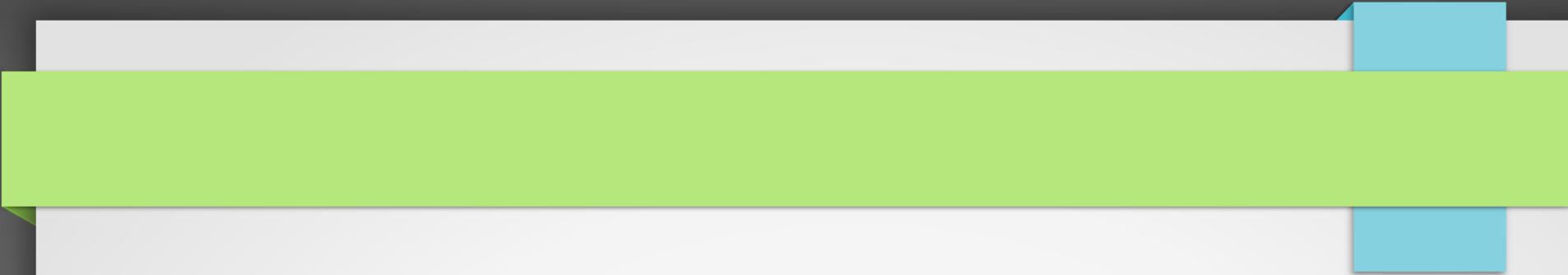
Area of the circle= π *radius*radius
Number of circles=
Total surface area of the sphere=



How will you find the surface area of a sphere?



What is the amount of paint required to
paint 5 balls of radius 12cm?



Thank you