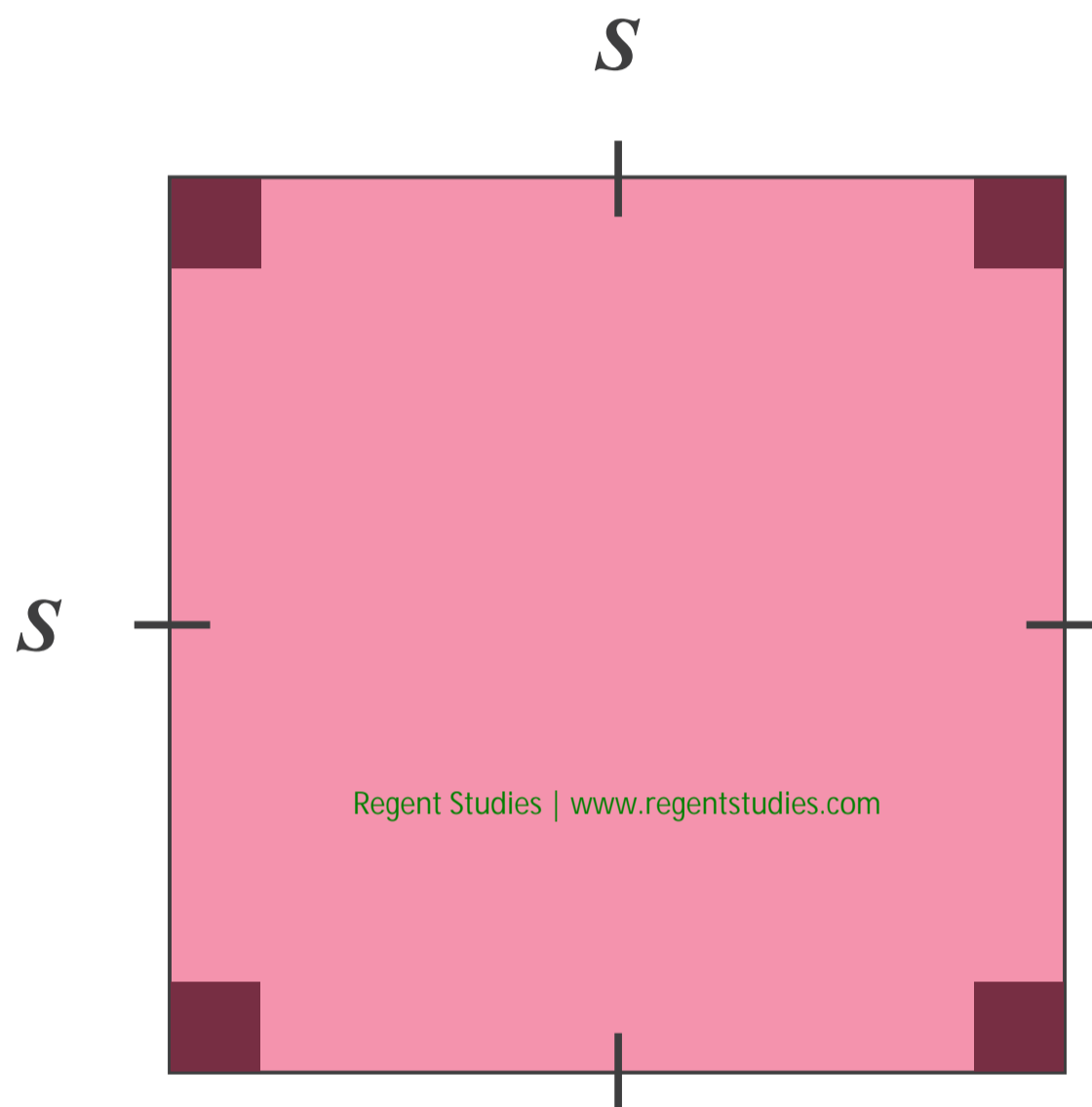
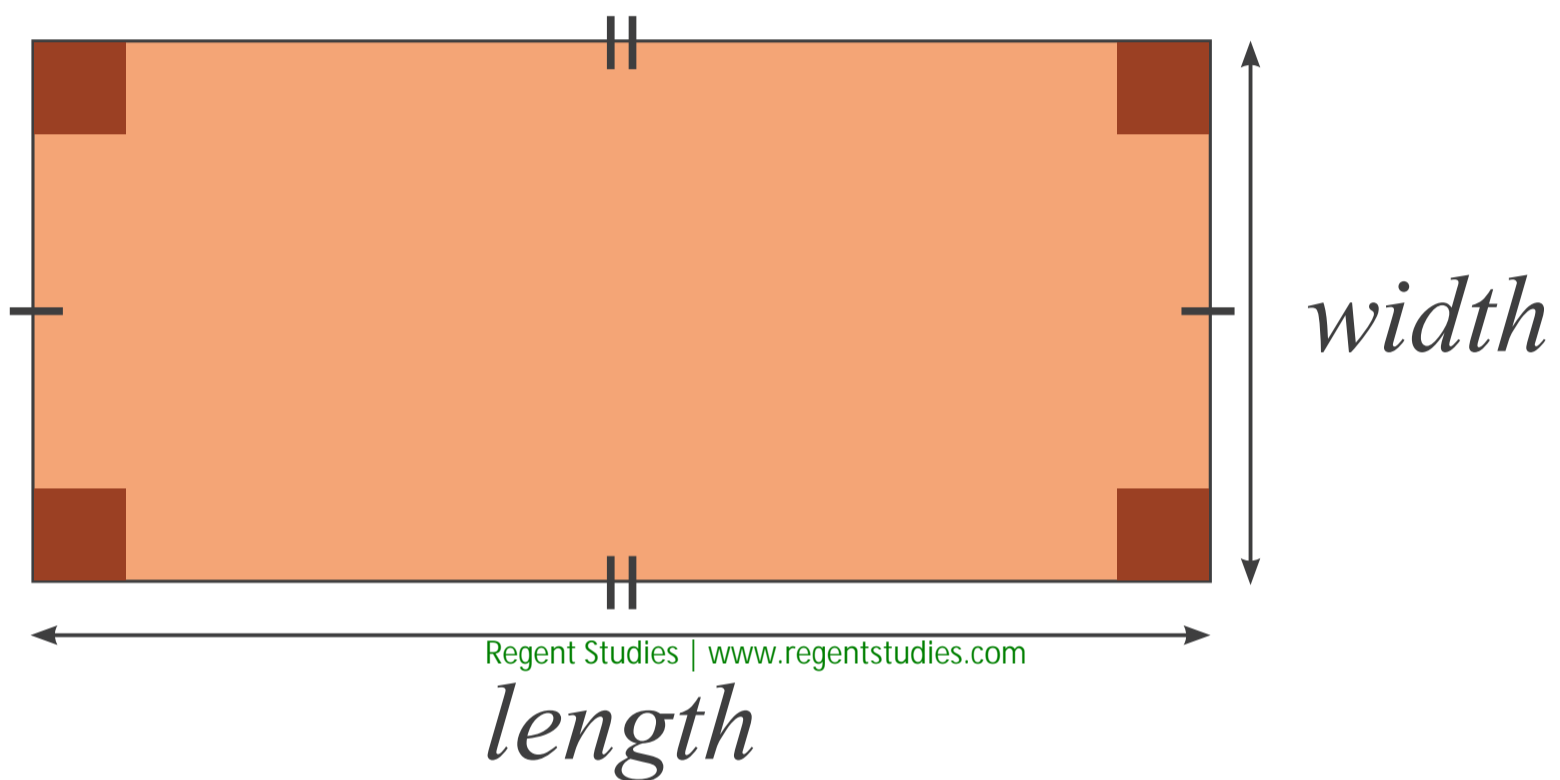


Area of a Square



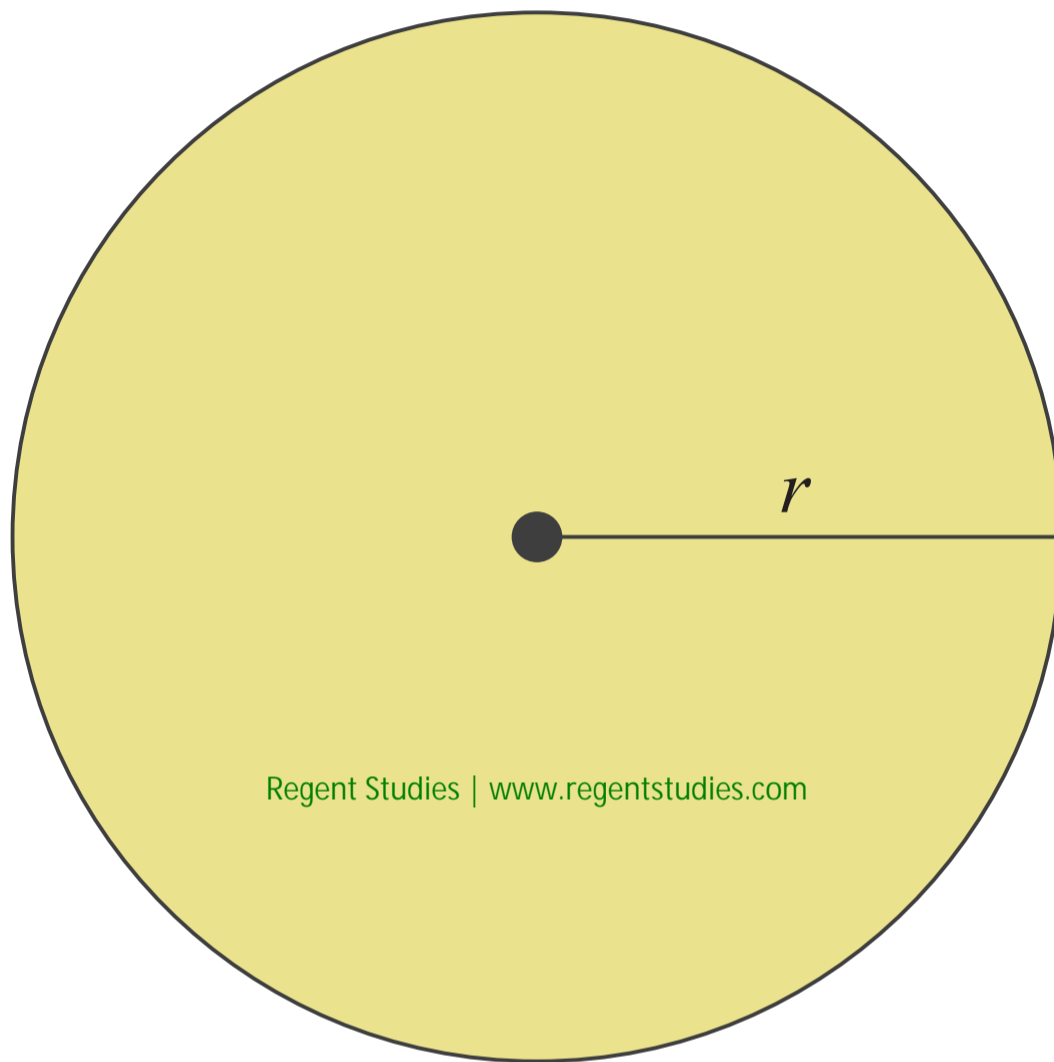
$$\begin{aligned} \text{Area} &= \text{side} \times \text{side} \\ &= s^2 \end{aligned}$$

Area of a Rectangle



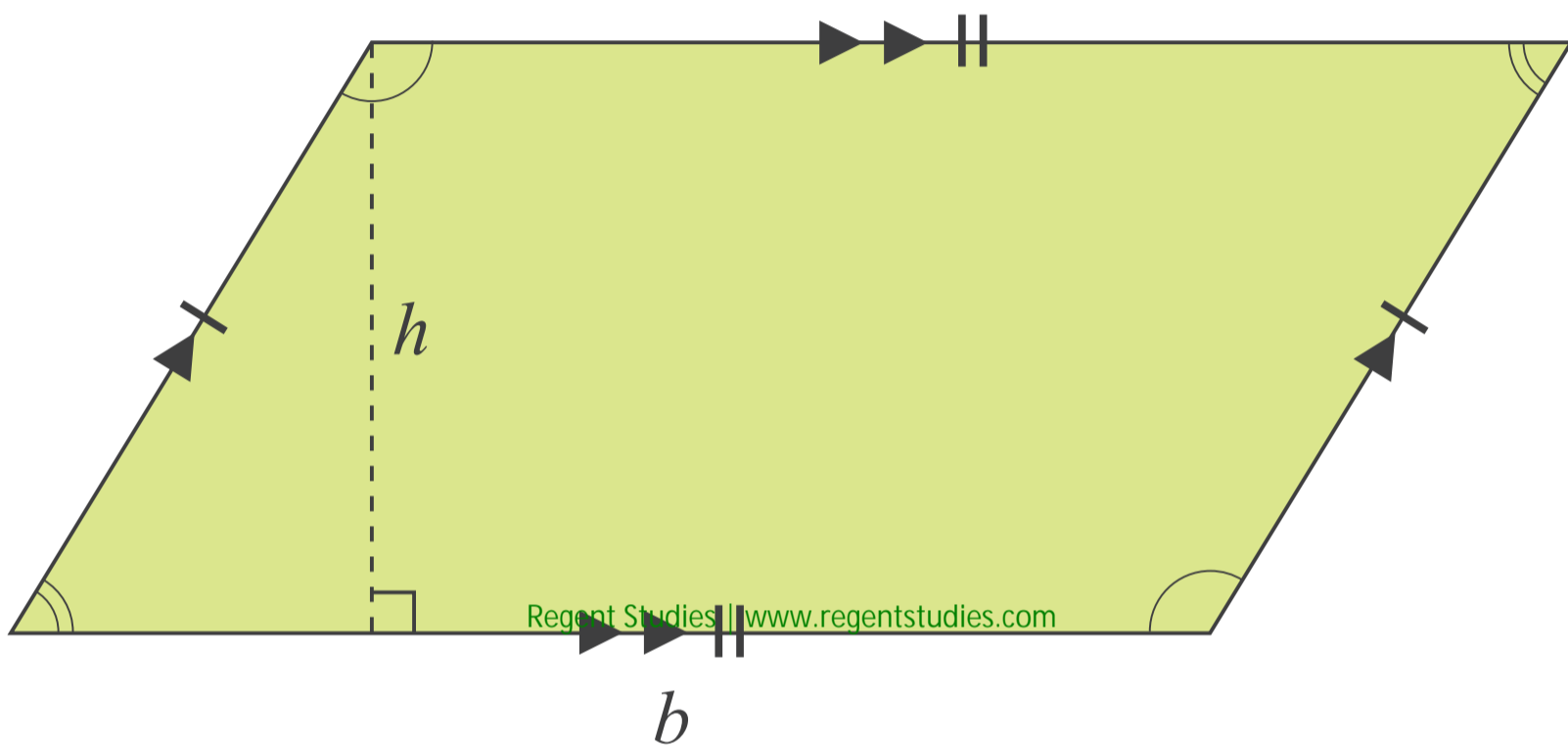
$$\begin{aligned} \text{Area} &= \text{length} \times \text{width} \\ &= lw \end{aligned}$$

Area of a Circle



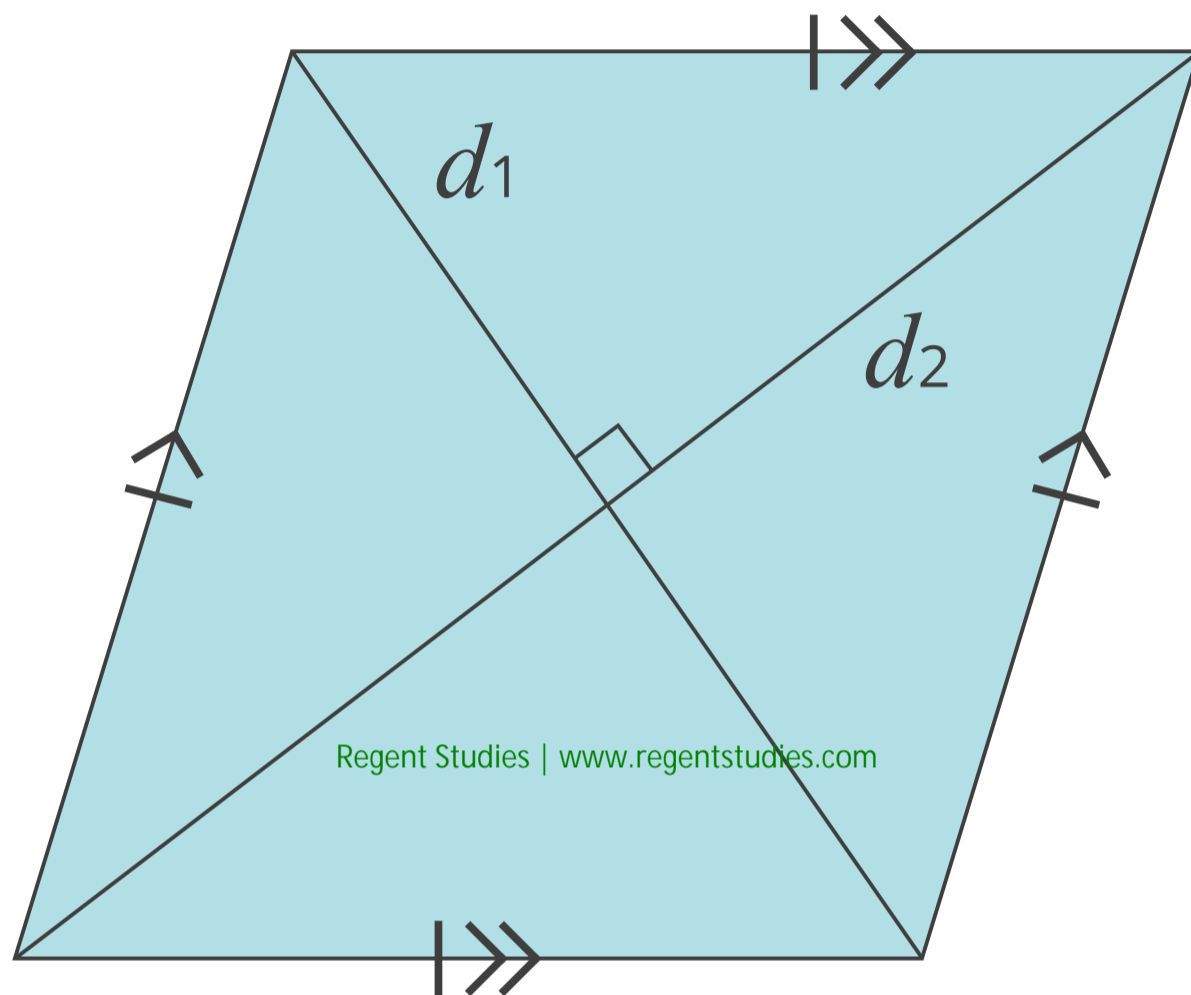
$$\begin{aligned} \text{Area} &= \pi \times \text{radius}^2 \\ &= \pi r^2 \end{aligned}$$

Area of a Parallelogram



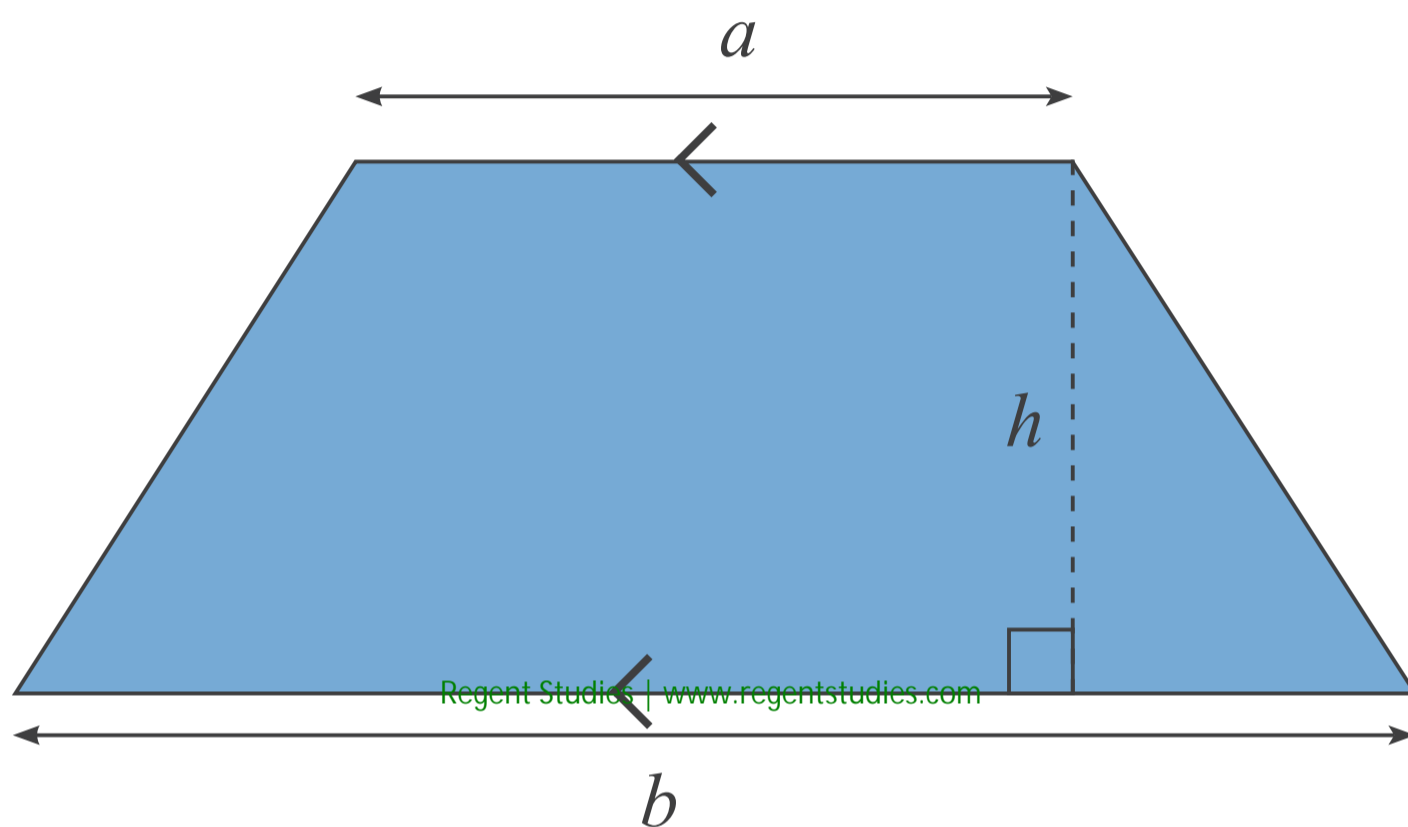
$$\begin{aligned} \text{Area} &= \text{base} \times \text{height} \\ &= bh \end{aligned}$$

Area of a Rhombus



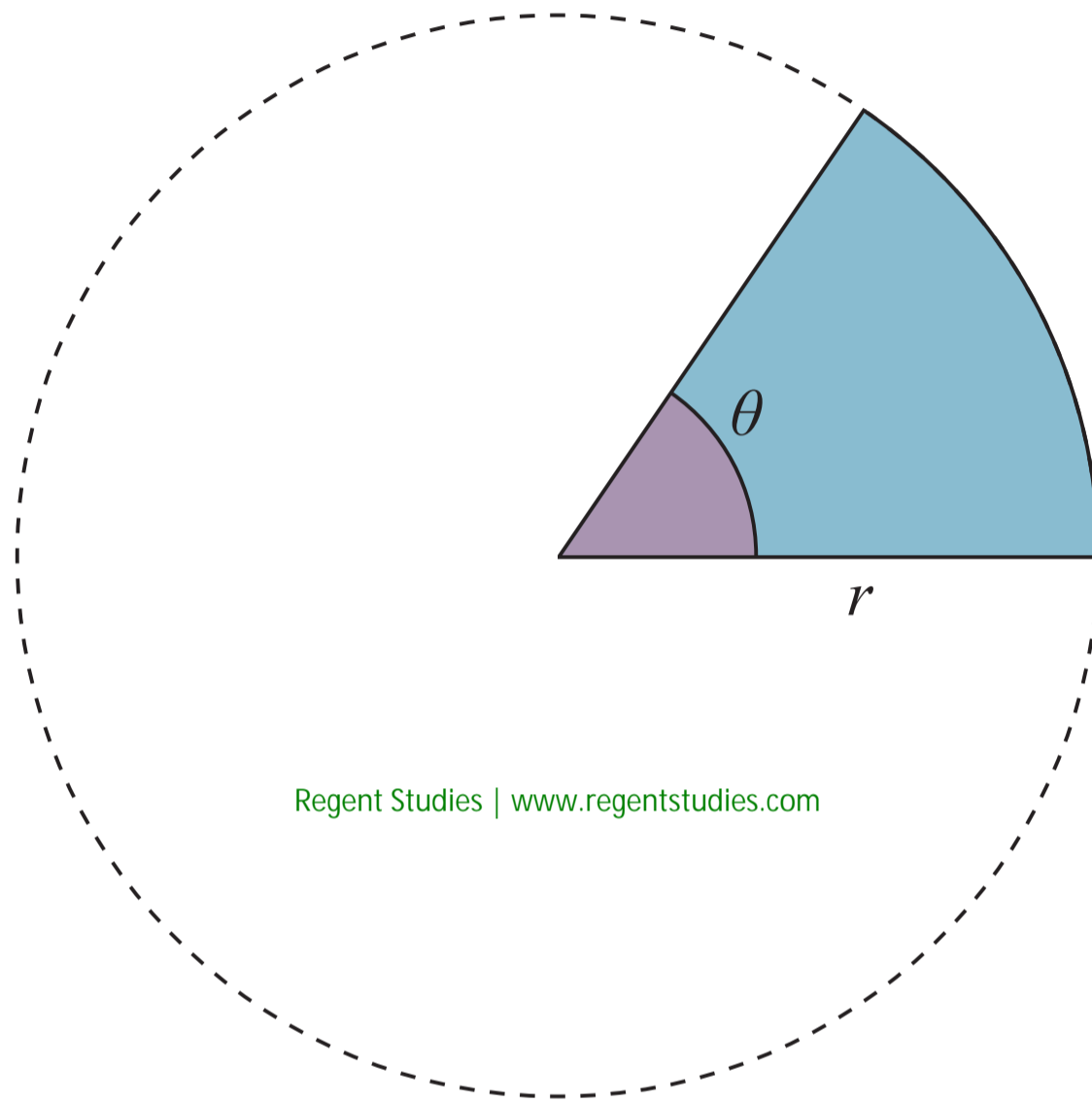
$$\begin{aligned} \text{Area} &= \text{diagonal 1} \times \text{diagonal 2} \times \frac{1}{2} \\ &= \frac{d_1 \times d_2}{2} \end{aligned}$$

Area of a Trapezium



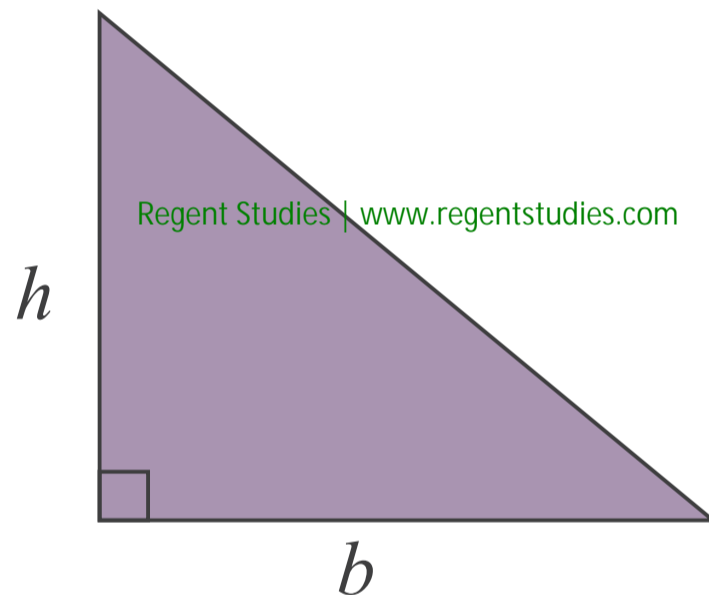
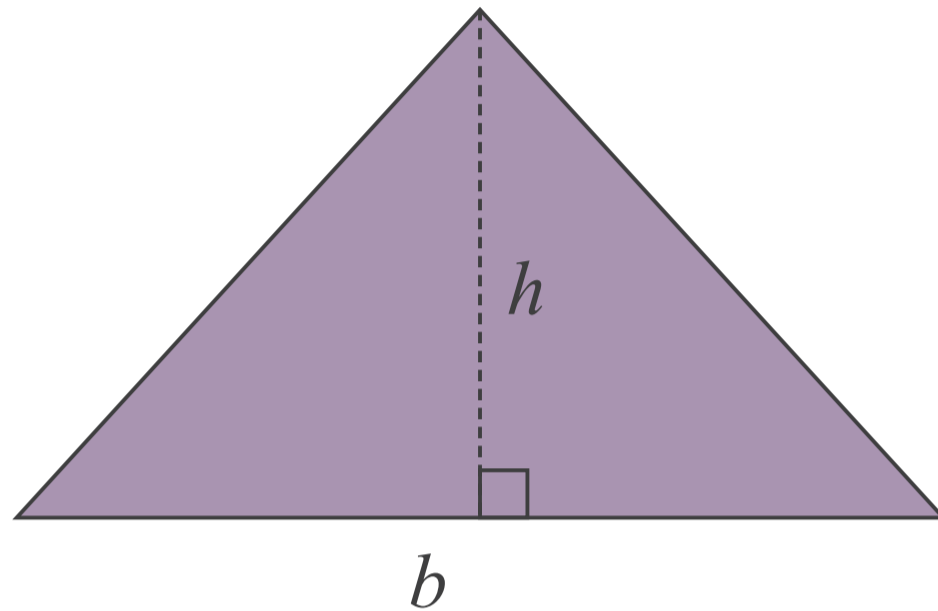
$$\begin{aligned} \text{Area} &= \frac{1}{2} \times (\text{parallel side } a + \text{parallel side } b) \times \text{height} \\ &= \frac{1}{2} (a + b)h \end{aligned}$$

Area of a Sector



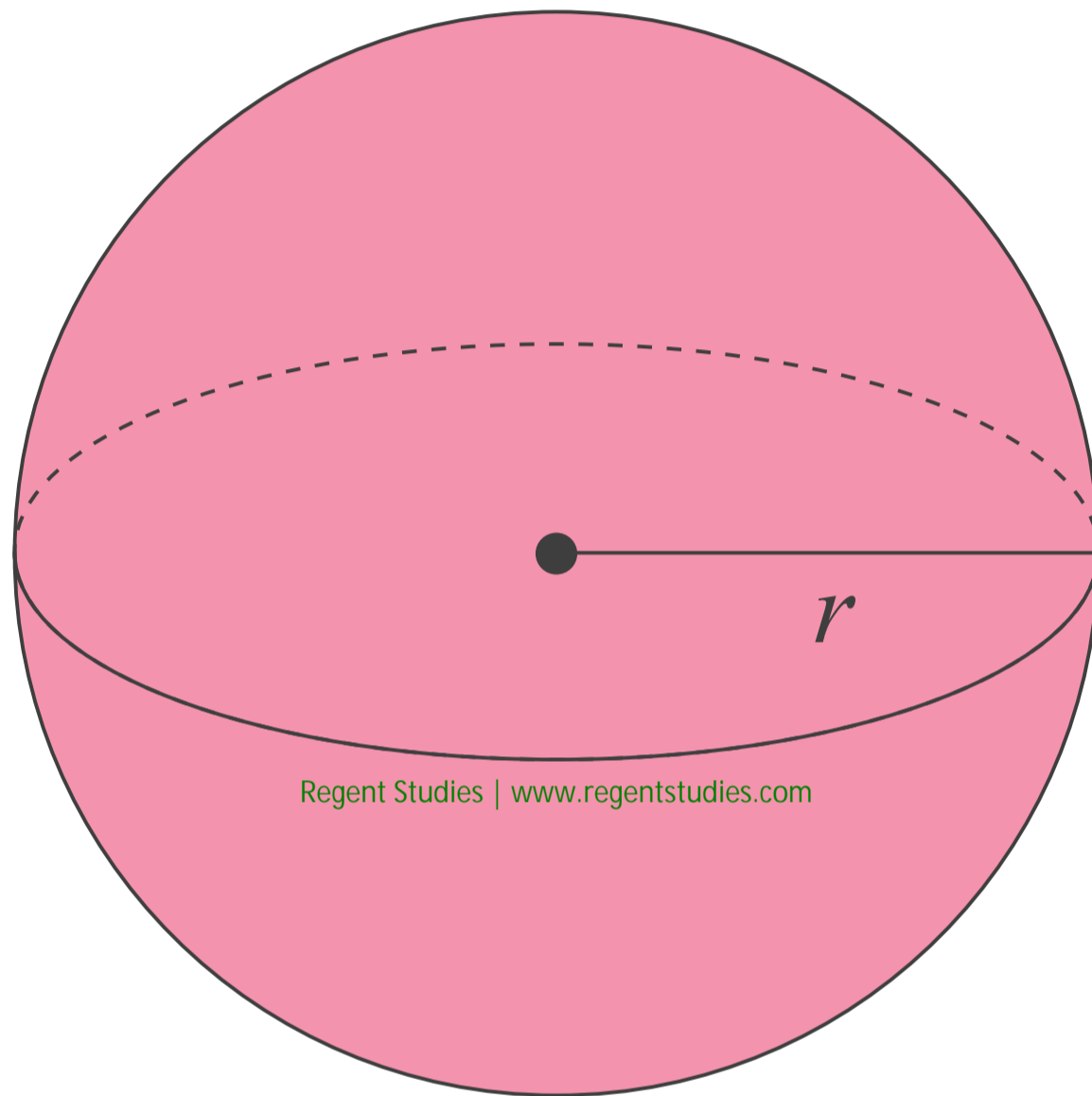
$$\begin{aligned} \text{Area} &= \frac{\theta}{360} \times \pi \times \text{radius}^2 \\ &= \frac{\theta}{360} \pi r^2 \end{aligned}$$

Area of a Triangle



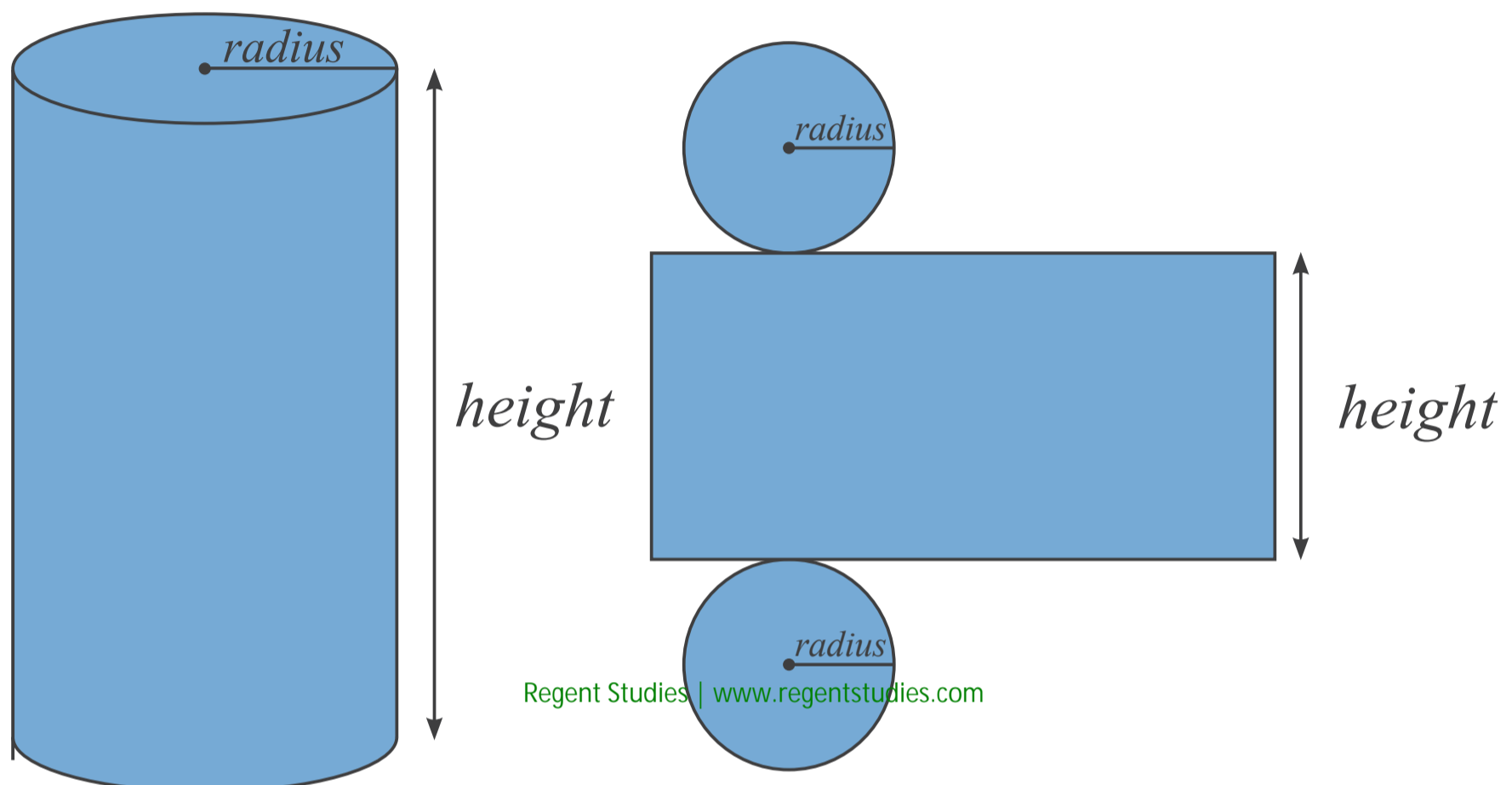
$$\begin{aligned} \text{Area} &= \frac{1}{2} \times \text{base} \times \text{perpendicular height} \\ &= \frac{bh}{2} \end{aligned}$$

Surface Area of a Sphere



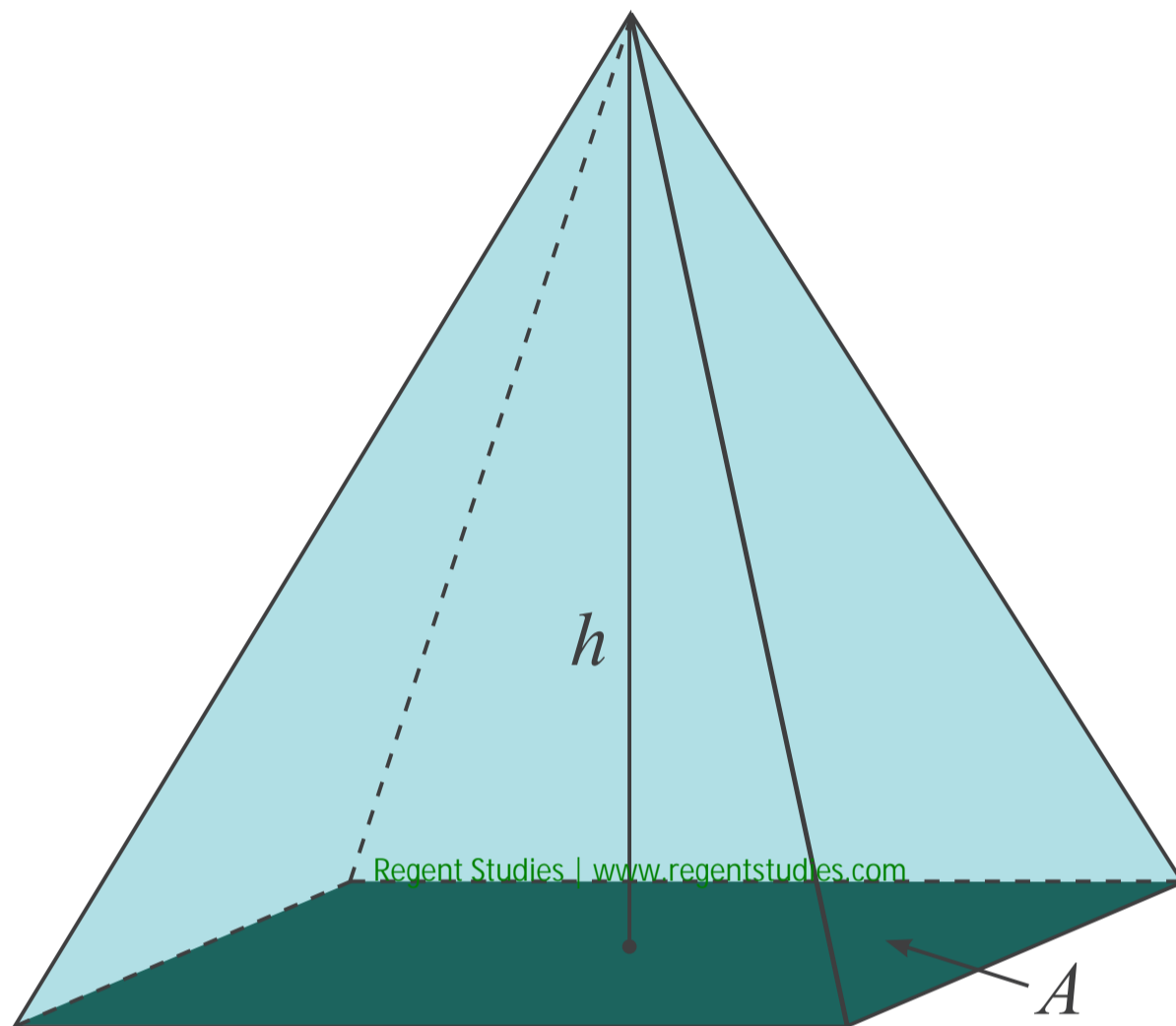
$$\begin{aligned} \text{Surface Area} &= 4 \times \pi \times \text{radius}^2 \\ &= 4\pi r^2 \end{aligned}$$

Surface Area of a Cylinder



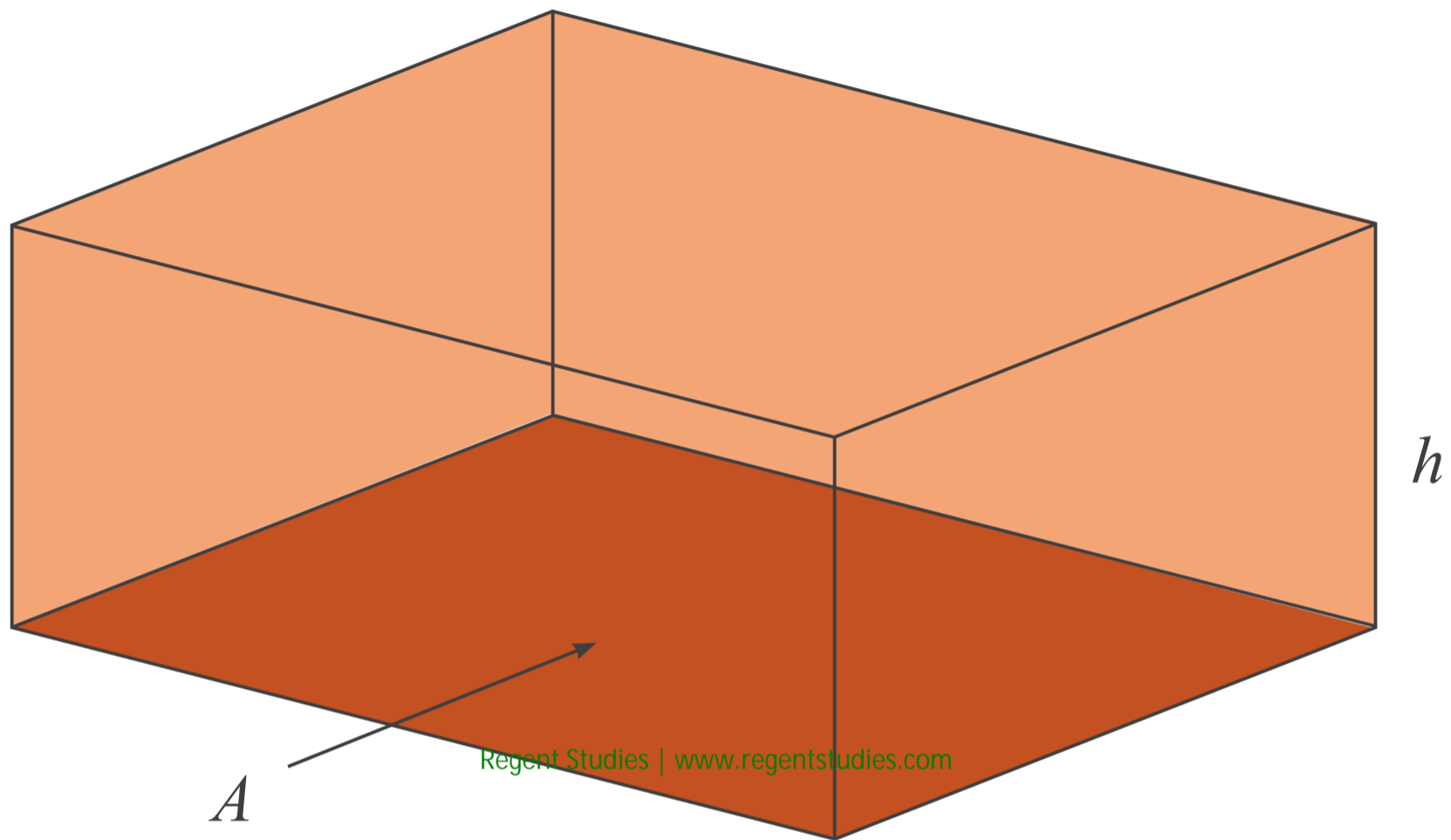
$$\begin{aligned} \text{Surface Area} &= 2 \times \pi \times \text{radius}^2 + 2 \times \pi \times \text{radius} \times \text{height} \\ &= 2\pi r^2 + 2\pi rh \end{aligned}$$

Volume of a Pyramid



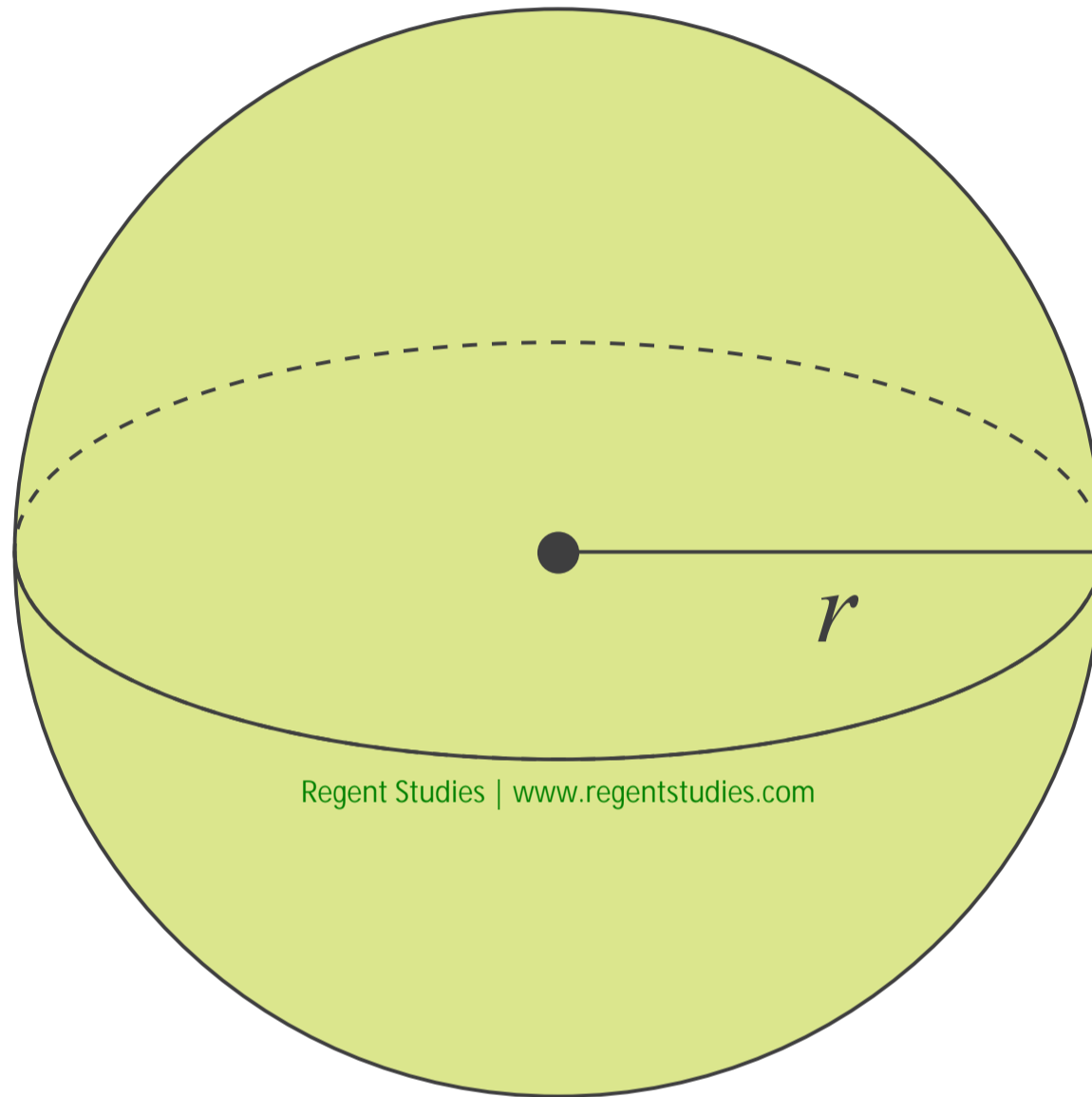
$$\begin{aligned} \text{Volume} &= \frac{1}{3} \times \text{area of base} \times \text{height} \\ &= \frac{1}{3} Ah \end{aligned}$$

Volume of a Prism



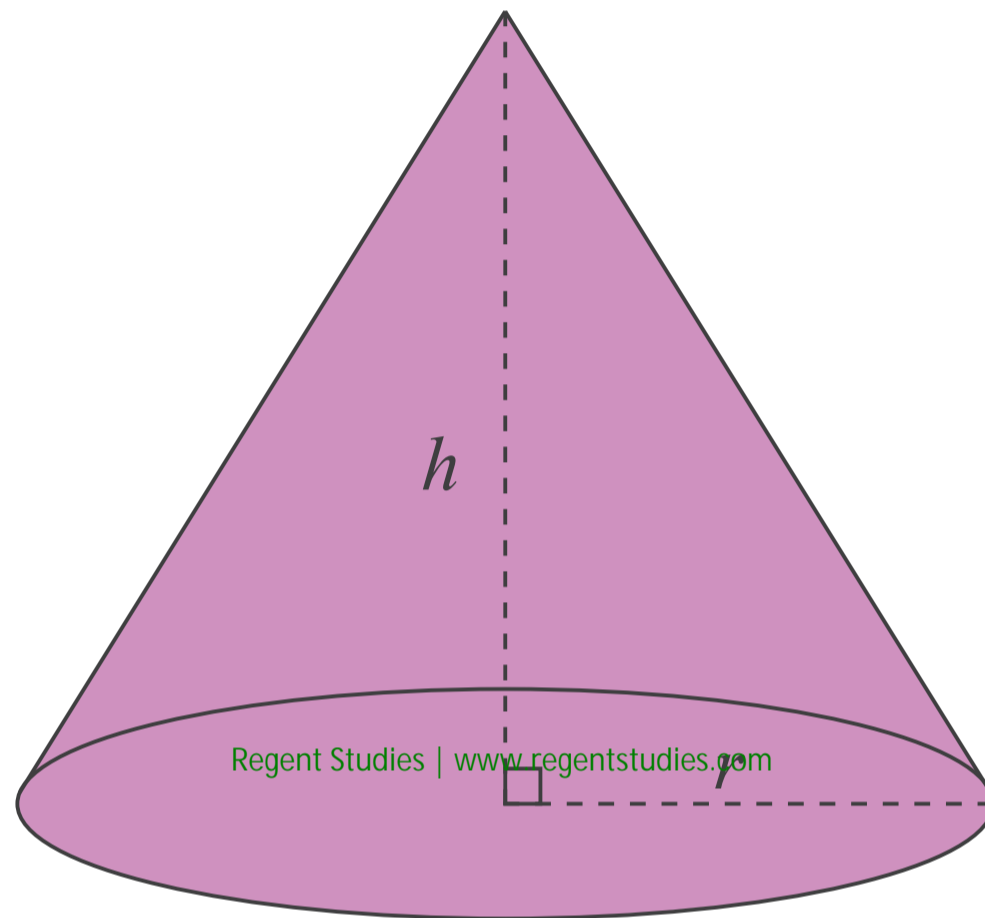
$$\begin{aligned} \text{Volume} &= \text{area of cross section} \times \text{height} \\ &= Ah \end{aligned}$$

Volume of a Sphere



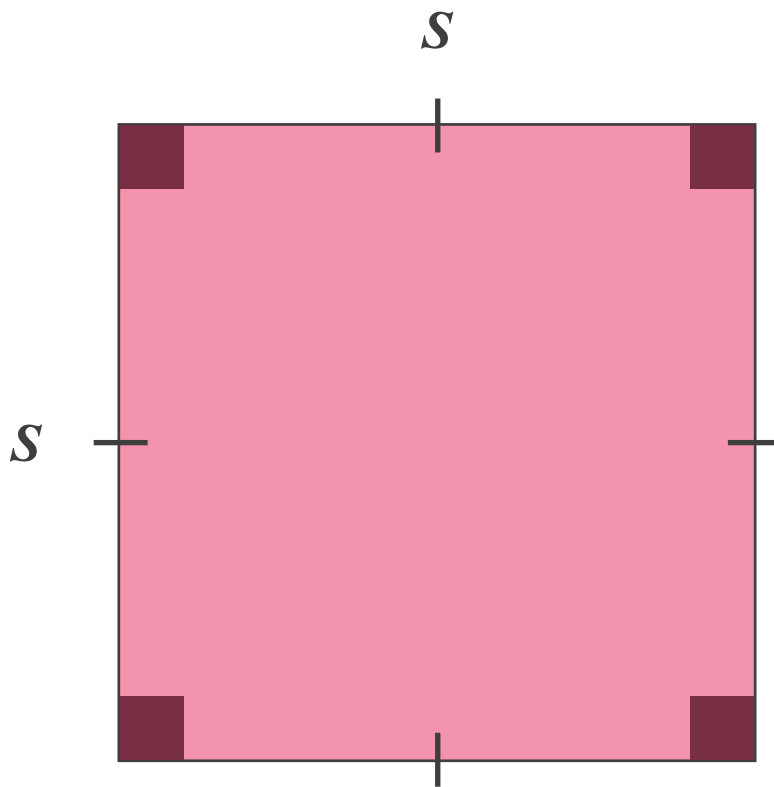
$$\begin{aligned} \text{Volume} &= \frac{4}{3} \times \pi \times \text{radius}^3 \\ &= \frac{4}{3} \pi r^3 \end{aligned}$$

Volume of a Cone



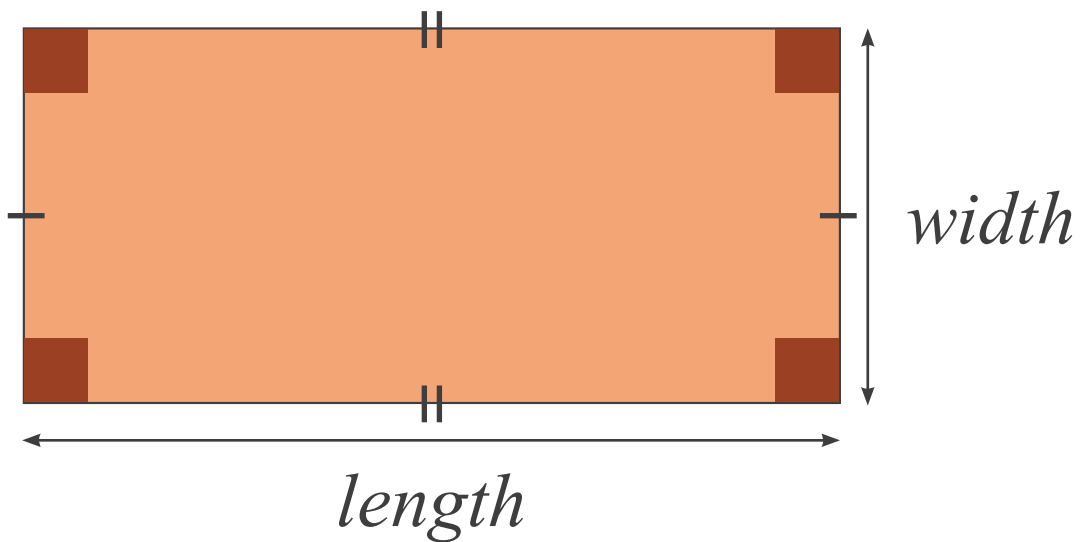
$$\begin{aligned} \text{Volume} &= \frac{1}{3} \times \pi \times \text{radius}^2 \times \text{height} \\ &= \frac{1}{3} \pi r^2 h \end{aligned}$$

Area of a Square



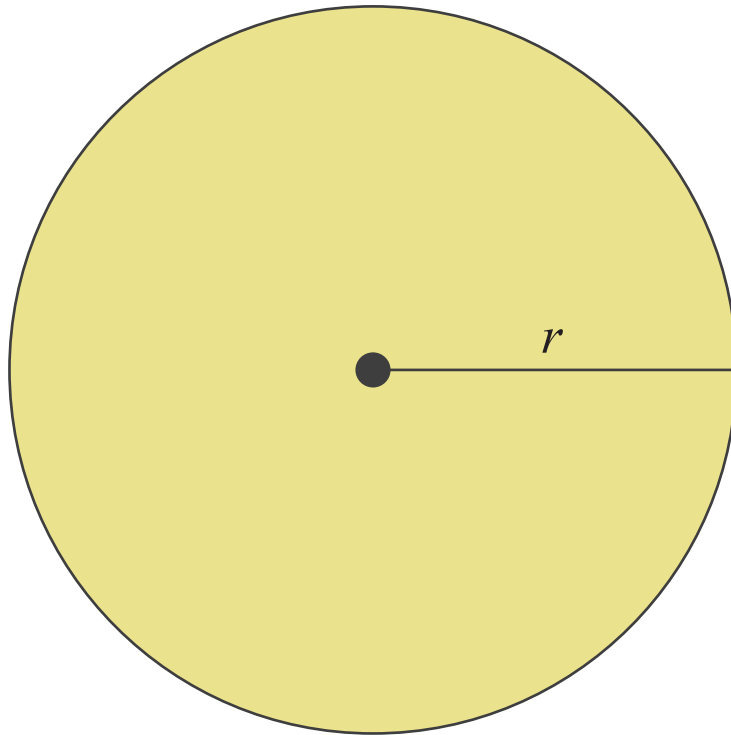
$$\begin{aligned} \text{Area} &= \text{side} \times \text{side} \\ &= s^2 \end{aligned}$$

Area of a Rectangle



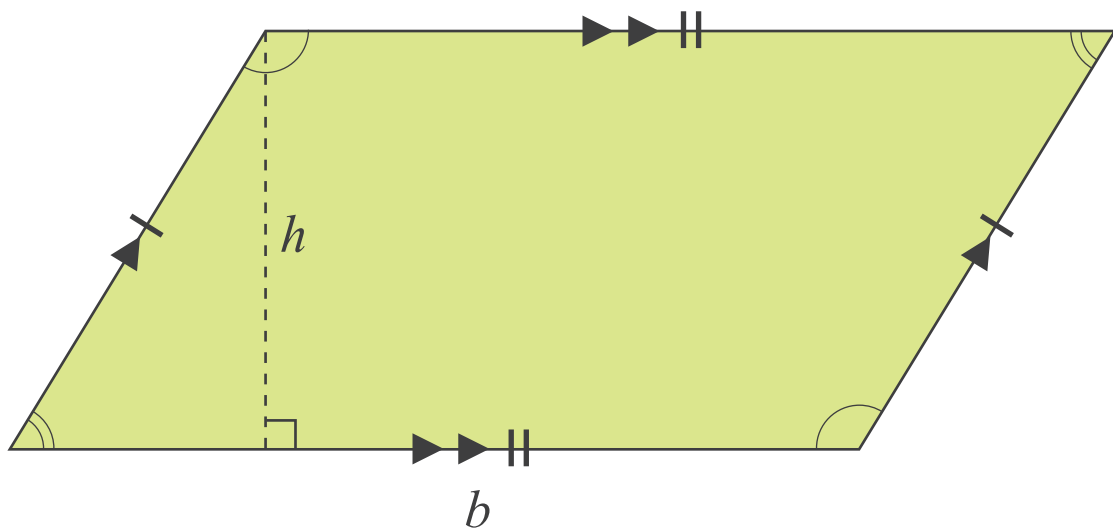
$$\begin{aligned} \text{Area} &= \text{length} \times \text{width} \\ &= lw \end{aligned}$$

Area of a Circle



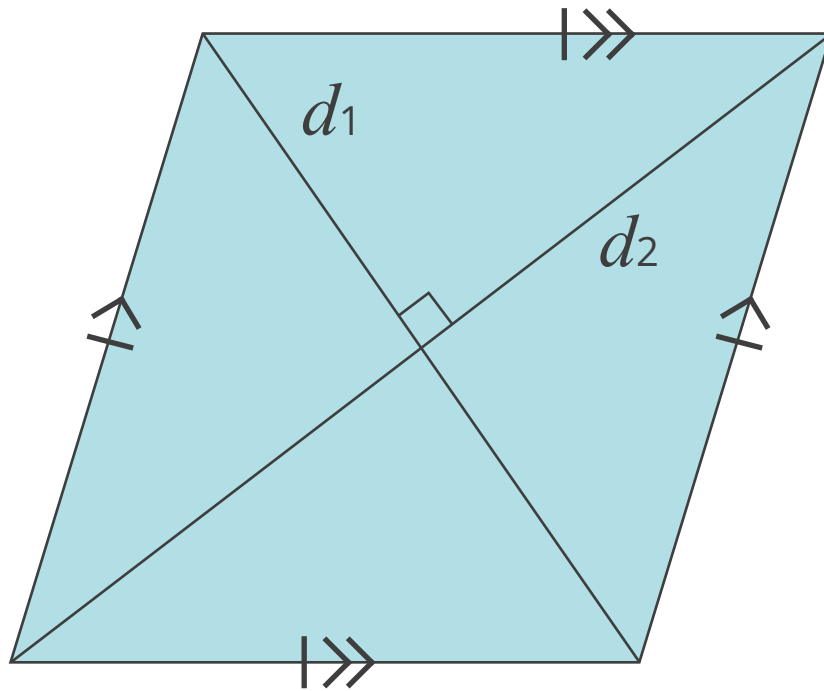
$$\begin{aligned} \text{Area} &= \pi \times \text{radius}^2 \\ &= \pi r^2 \end{aligned}$$

Area of a Parallelogram



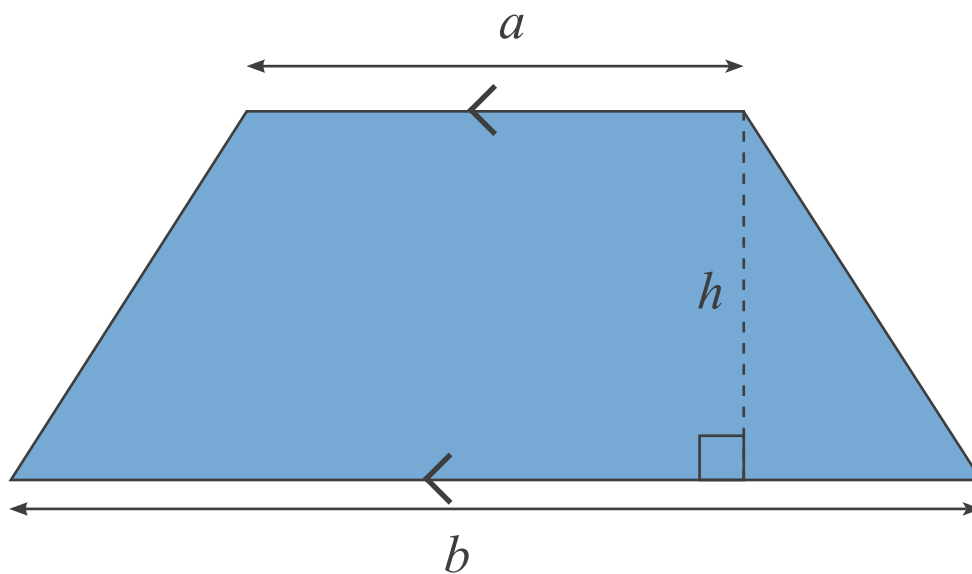
$$\begin{aligned} \text{Area} &= \text{base} \times \text{height} \\ &= bh \end{aligned}$$

Area of a Rhombus



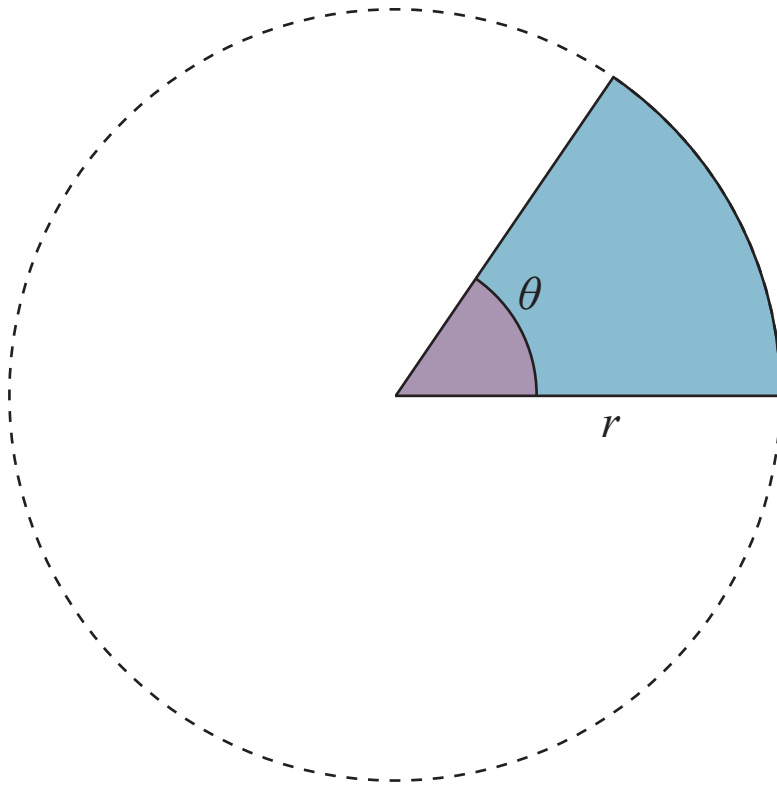
$$\begin{aligned} \text{Area} &= \text{diagonal 1} \times \text{diagonal 2} \times \frac{1}{2} \\ &= \frac{d_1 \times d_2}{2} \end{aligned}$$

Area of a Trapezium



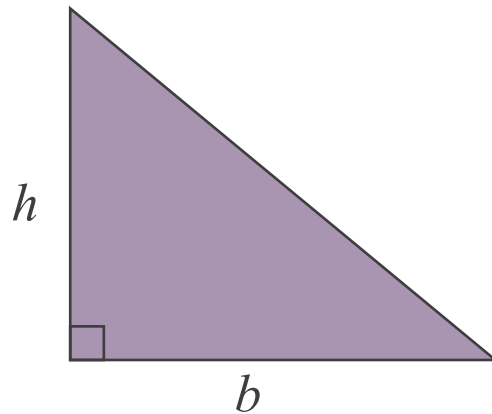
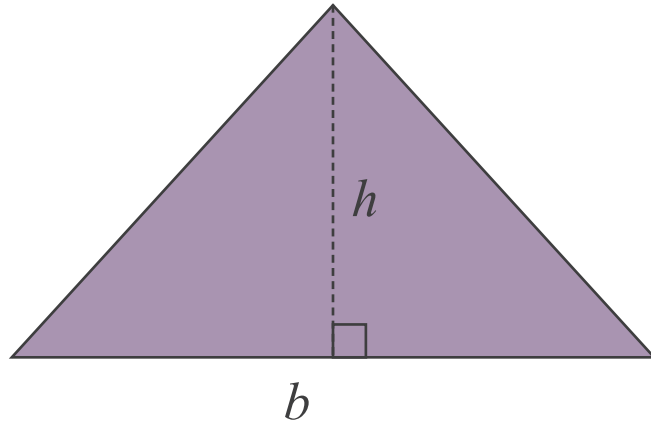
$$\begin{aligned} \text{Area} &= \frac{1}{2} \times (\text{parallel side } a + \text{parallel side } b) \times \text{height} \\ &= \frac{1}{2} (a + b)h \end{aligned}$$

Area of a Sector



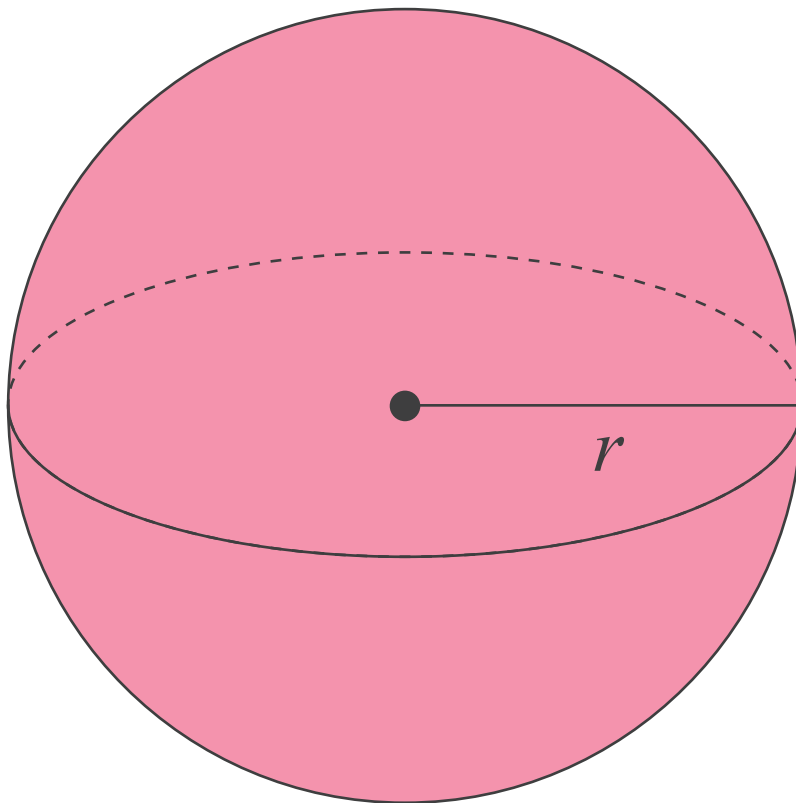
$$\begin{aligned} \text{Area} &= \frac{\theta}{360} \times \pi \times \text{radius}^2 \\ &= \frac{\theta}{360} \pi r^2 \end{aligned}$$

Area of a Triangle



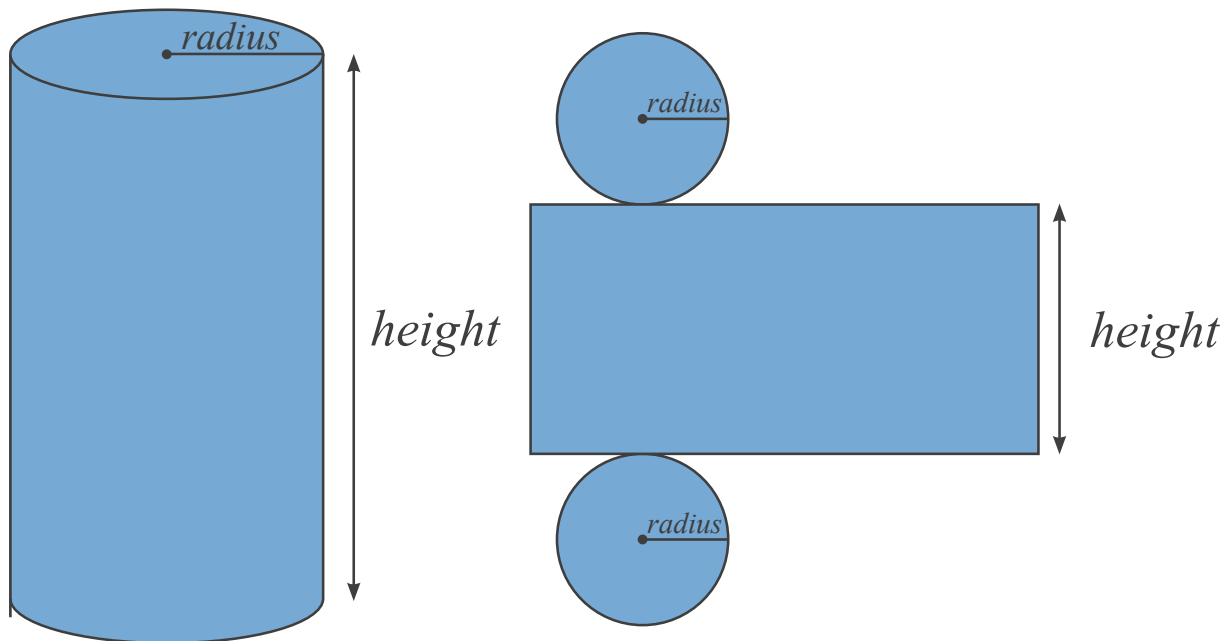
$$\begin{aligned} \text{Area} &= \frac{1}{2} \times \text{base} \times \text{perpendicular height} \\ &= \frac{bh}{2} \end{aligned}$$

Surface Area of a Sphere



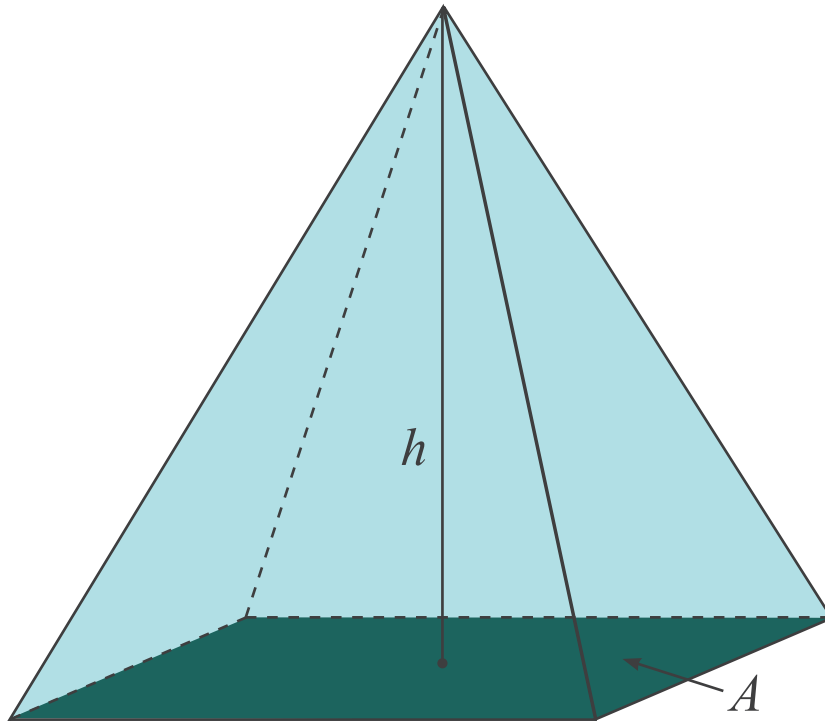
$$\begin{aligned} \text{Surface Area} &= 4 \times \pi \times \text{radius}^2 \\ &= 4\pi r^2 \end{aligned}$$

Surface Area of a Cylinder



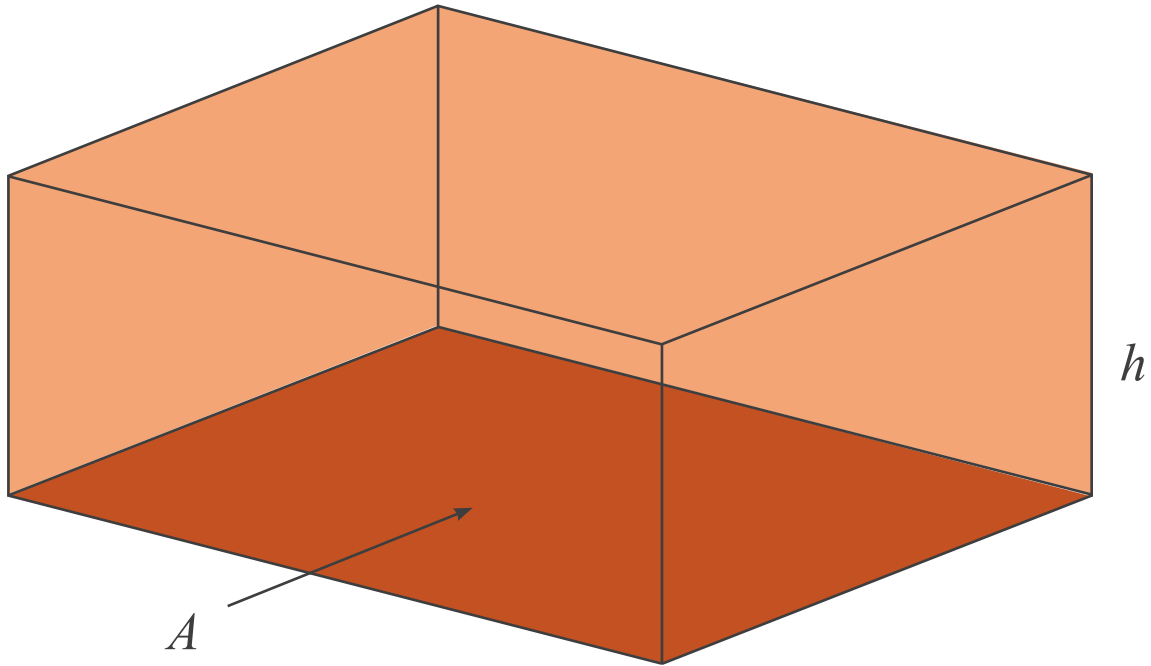
$$\begin{aligned} \text{Surface Area} &= 2 \times \pi \times \text{radius}^2 + 2 \times \pi \times \text{radius} \times \text{height} \\ &= 2\pi r^2 + 2\pi rh \end{aligned}$$

Volume of a Pyramid



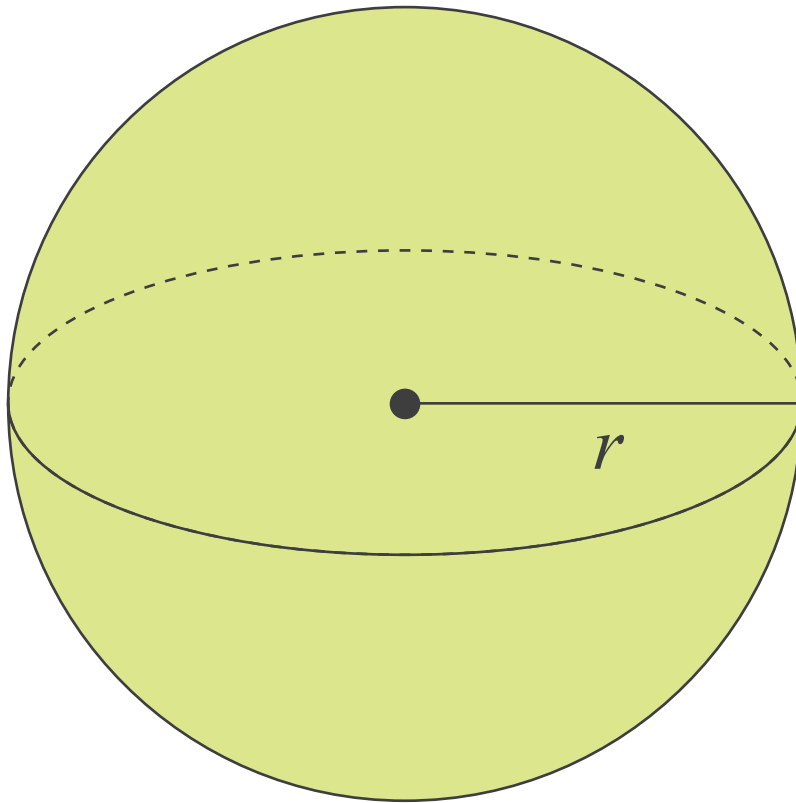
$$\begin{aligned} \text{Volume} &= \frac{1}{3} \times \text{area of base} \times \text{height} \\ &= \frac{1}{3} Ah \end{aligned}$$

Volume of a Prism



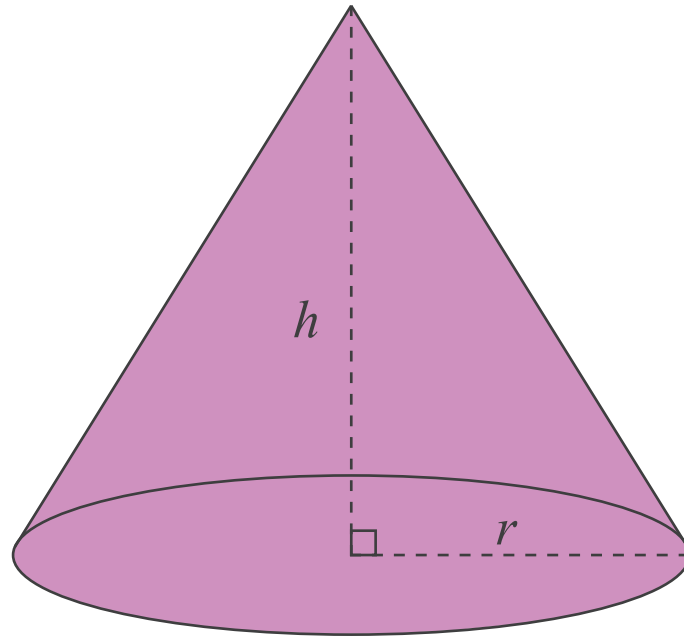
$$\begin{aligned} \text{Volume} &= \text{area of cross section} \times \text{height} \\ &= Ah \end{aligned}$$

Volume of a Sphere



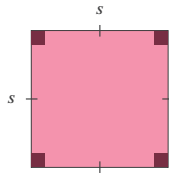
$$\begin{aligned} \text{Volume} &= \frac{4}{3} \times \pi \times \text{radius}^3 \\ &= \frac{4}{3} \pi r^3 \end{aligned}$$

Volume of a Cone



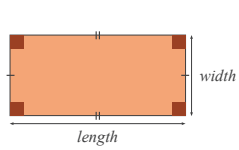
$$\begin{aligned} \text{Volume} &= \frac{1}{3} \times \pi \times \text{radius}^2 \times \text{height} \\ &= \frac{1}{3} \pi r^2 h \end{aligned}$$

Area of a Square



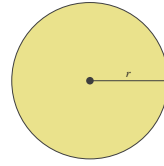
$$\text{Area} = \text{side} \times \text{side} \\ = s^2$$

Area of a Rectangle



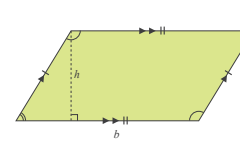
$$\text{Area} = \text{length} \times \text{width} \\ = lw$$

Area of a Circle



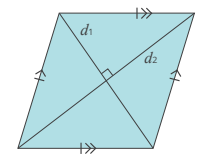
$$\text{Area} = \pi \times \text{radius}^2 \\ = \pi r^2$$

Area of a Parallelogram



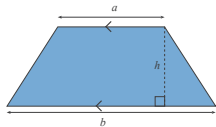
$$\text{Area} = \text{base} \times \text{height} \\ = bh$$

Area of a Rhombus



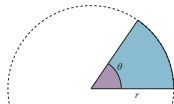
$$\text{Area} = \text{diagonal 1} \times \text{diagonal 2} \times \frac{1}{2} \\ = \frac{d_1 \times d_2}{2}$$

Area of a Trapezium



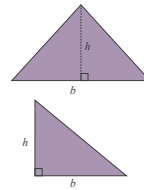
$$\text{Area} = \frac{1}{2} \times (\text{parallel side } a + \text{parallel side } b) \times \text{height} \\ = \frac{1}{2}(a + b)h$$

Area of a Sector



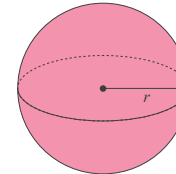
$$\text{Area} = \frac{\theta}{360} \times \pi \times \text{radius}^2 \\ = \frac{\theta}{360} \pi r^2$$

Area of a Triangle



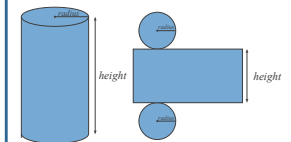
$$\text{Area} = \frac{1}{2} \times \text{base} \times \text{perpendicular height} \\ = \frac{bh}{2}$$

Surface Area of a Sphere



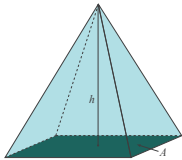
$$\text{Surface Area} = 4 \times \pi \times \text{radius}^2 \\ = 4\pi r^2$$

Surface Area of a Cylinder



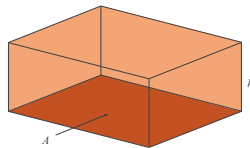
$$\text{Surface Area} = 2 \times \pi \times \text{radius}^2 + 2 \times \pi \times \text{radius} \times \text{height} \\ = 2\pi r^2 + 2\pi rh$$

Volume of a Pyramid



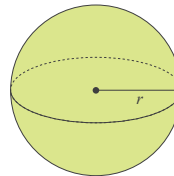
$$\text{Volume} = \frac{1}{3} \times \text{area of base} \times \text{height} \\ = \frac{1}{3} Ah$$

Volume of a Prism



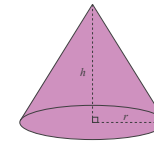
$$\text{Volume} = \text{area of cross section} \times \text{height} \\ = Ah$$

Volume of a Sphere



$$\text{Volume} = \frac{4}{3} \times \pi \times \text{radius}^3 \\ = \frac{4}{3} \pi r^3$$

Volume of a Cone



$$\text{Volume} = \frac{1}{3} \times \pi \times \text{radius}^2 \times \text{height} \\ = \frac{1}{3} \pi r^2 h$$