

Year 7 & 8

Fractions:

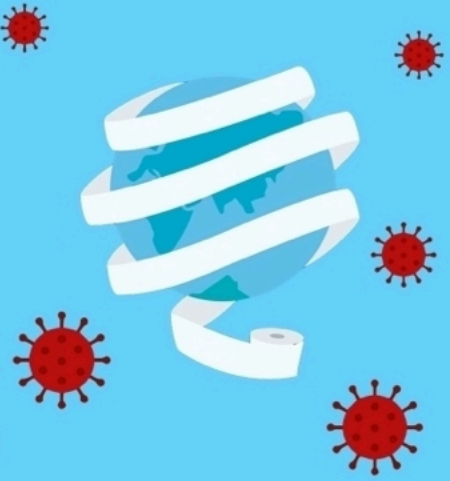


$$\text{Q1. } \frac{50}{350}, \frac{100}{350}, \frac{150}{350} = \frac{1}{7}, \frac{2}{7}, \frac{3}{7}$$

$$= \frac{1}{7} \times 100 = 14.29\%, 28.58\%, 42.87\%$$

Rounding off ans

Units of Length:



$$\begin{aligned} \text{Q2. } \text{Toilet sheet width} &= 11.4 \text{ cm} \\ \text{No. Sheets/ roll} &= 350 \\ \text{Toilet Roll length} &= 11.4 \times 350 = 3990 \text{ cm} \\ &= 39.9 \text{ m} \end{aligned}$$

$$\begin{aligned} \text{Circumference of the earth} \\ &= 40,075 \text{ km} = 40,075,000 \text{ m} \end{aligned}$$

$$\begin{aligned} \text{No. toilet rolls to wrap around the earth} \\ &= \frac{40,075,000}{39.9} \\ &= 1,004,386 = 1.004 \times 10^6 \end{aligned}$$