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Paper 02 – General Proficiency

1. Question 1

(a) (i)

$$4\frac{1}{5} \times \frac{1}{3} - 1\frac{1}{4}$$

$$\left(4\frac{1}{5} \times \frac{1}{3}\right) - 1\frac{1}{4}$$

$$\frac{7}{5} - \frac{5}{4} = \frac{3}{20}$$

$$(ii) \quad \frac{4.1 - 1.25^2}{0.005} = \frac{2.5375}{0.005} = 507.5$$

$$(b) \quad (i) \quad \frac{75}{100} \times 15400 = 11550$$

$$(ii) \quad \frac{20790 - 15400}{15400} \times 100\%$$

$$\frac{5390}{15400} \times 100\% = 45\%$$

(b) Flashes 5 times every 10 seconds so it flashes once every 2 seconds

How many seconds are in a day?

$$(60 \times 60) \times 24 = 86400$$

$$\frac{86400}{2} = 43200$$

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Emel Thomas



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