

## EXERCISE 16 (A)

1.i) 13 out of 20

$$\text{Ans} \rightarrow \frac{13}{20} \times 100\% = 65\%$$

ii) 21 eggs out of 30 are good

$$\text{Ans} \rightarrow \frac{21}{30} \times 100\% = \frac{210}{3} = 70\%$$

2.i)  $\frac{3}{200}$

$$\text{Ans} \rightarrow \frac{3}{200} \times 100\% = \frac{3}{2}\%$$

ii)  $\frac{5}{6}$

$$\text{Ans} \rightarrow \frac{5}{6} \times 100\% = \frac{500}{6}\% = 83.33\%$$

H.W

2.iii)  $\frac{65}{80}$

Ans  $\frac{65}{80} \times 100\% = \frac{65 \times 100}{80} = \frac{6500}{80} = 81.25\%$

iv)  $\frac{2}{3}$

Ans  $\frac{2}{3} \times 100\% = \frac{200}{3}\% = 66.66\%$

C.W

8/12/21

3.i) 0.10

Ans  $0.10 \times 100\% = 10\%$

ii) 0.02

Ans  $0.02 \times 100\% = 2\%$

~~iii)~~

4.i) 8%

Ans  $8\% = \frac{8}{100} = \frac{2}{25}$

ii) 20%

Ans  $20\% = \frac{20}{100} = \frac{1}{5}$



5.i) 25%

Ans  $\rightarrow 25\% = \frac{25}{100} = 0.25$

v) 29.2%

Ans  $\rightarrow 29.2\% = \frac{29.2}{100} = 0.292$

6.i) 7

Ans  $\rightarrow 7 \times 100\% = 700\%$

iii) 19.5

Ans  $\rightarrow 19.5 \times 100\% = 1950\%$

ii) 2

Ans  $\rightarrow 2 \times 100\% = 200\%$

iv) 5.37

Ans  $\rightarrow 5.37 \times 100\% = 537\%$

H.W

3.iii) 0.7

Ans  $\rightarrow 0.7 \times 100\% = 70\%$

iv) 0.15

Ans  $\rightarrow 0.15 \times 100\% = 15\%$

v) 0.032

Ans  $\rightarrow 0.032 \times 100\% = 3.2\%$

4.iii) 85%

Ans  $\rightarrow 85\% = \frac{85}{100} = \frac{17}{20}$

iv) 250%

Ans  $\rightarrow 250\% = \frac{250}{100} = \frac{25}{10} = 2\frac{5}{10} = 2\frac{1}{2}$

v)  $12\frac{1}{2}\%$

Ans  $\rightarrow 12\frac{1}{2}\% = \frac{12\frac{1}{2}}{100} = \frac{12\frac{1}{2} \times 1}{1} \times \frac{2}{2} \times \frac{1}{100} = \frac{1}{8}$

5.ii) 108%

Ans  $\rightarrow 108\% = \frac{108}{100} = 1.08$

iii) 95%

Ans  $\rightarrow 95\% = \frac{95}{100} = 0.95$

iv) 4.5%

Ans  $4.5\% = \frac{4.5}{100} = 0.045$