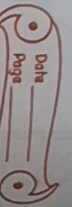


# PERCENTAGE

Ex - 13 (A)



1) Express the following as percentage

a)  $\frac{37}{100} = 37\%$  c)  $\frac{3}{100} = 3\%$  e)  $\frac{29}{100} = 29\%$

b)  $\frac{18}{100} = 18\%$  d)  $\frac{85}{100} = 85\%$

2) Express the following as fraction with 100 as denominator

a)  $41\% = \frac{41}{100}$  c)  $\frac{17}{20} = \frac{62}{100}$  e)  $93\% = \frac{93}{100}$

b)  $56\% = \frac{56}{100}$  d)  $\frac{69}{100} = 69\%$

3) Express each of the following as fraction

a)  $\frac{1}{4} = 25\%$  c)  $\frac{17}{20} = 85\%$  e)  $\frac{17}{10} = 170\%$

b)  $\frac{9}{10} = 90\%$  d)  $4\frac{1}{2} = 450\%$

4) Express each of the following as a decimal fraction in its lowest form

a)  $38\% = \frac{19}{50}$  b)  $47\% = \frac{47}{100}$  c)  $78\% = \frac{39}{50}$

d)  $82\% = \frac{41}{50}$  e)  $67\frac{1}{3}\% = \frac{101}{150}$  f)  $112\frac{1}{2}\% = \frac{9}{8}$

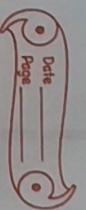
g)  $16\frac{2}{3}\% = \frac{1}{6}$  h)  $1\frac{1}{2}\% = \frac{3}{200}$

5) Express each of the following as a decimal

a)  $13\% = 0.13$  b)  $24\% = 0.24$  c)  $69\% = 0.69$

d)  $81\% = 0.81$  e)  $105\% = 1.05$  f)  $250\% = 2.50$

g)  $0.25\% = 0.0025$  h)  $0.2\% = 0.002$



6 Express each of the following decimal fractions into percentage.

a  $0.58 = 58\%$       b)  $0.483 = 48.3\%$       c)  $2.76 = 276\%$

d)  $9.243 = 924.3\%$       e)  $6.025 = 602.5\%$       f)  $3.98 = 398\%$       g)  $396\%$

8  $4.20 = 420\%$       h)  $8.75 = 875\%$

7 Which of the following is equivalent of 5%?

Ans b) ~~0.05~~  $0.05\%$

8 Which of the following is equivalent of 12.5%?

Ans d)  $0.125$

9 Which of the following is equivalent of 75?

Ans b)  $750\%$

10 Which of the following is equivalent of 6.08?

Ans ~~608%~~ c)  $608\%$