MCQ Questions

1) Find: $3\frac{1}{2} \times \frac{1}{2} \times \frac{4}{15}$

   a) $\frac{7}{15}$ **b)** $\frac{6}{13}$ **c)** $\frac{1}{2}$ **d)** 1

$$\Rightarrow \frac{\overset{7}{\cancel{7}}}{\underset{1}{\cancel{2}}} \times \frac{1}{\underset{1}{\cancel{2}}} \times \frac{\overset{2}{\cancel{4}}^{1}}{15} = \frac{7}{15}$$

2) The multiplicative inverse of 2 is

   a) 0 **b)** $\frac{2}{3}$ **c)** $\frac{1}{2}$ **d)** $\frac{1}{4}$

$$= \frac{2}{1} \rightarrow \frac{1}{2}$$

3) Find the breadth of a rectangle whose area is $2m^2$ and length is 200 cm

   a) $2m$ **b)** $1m$ **c)** $\frac{1}{2}m$ **d)** $5m$

$$\Rightarrow L = 200\,cm = \frac{200}{100}\,m = 2\,m$$

$$\text{# } B = \frac{A}{L} = \frac{2}{2} = 1\,m$$

4) Write $\frac{25}{1000}$ as a decimal fraction

   a) 0.25 **b)** 0.025 **c)** 0.0025 **d)** 0.00025

$$\Rightarrow \frac{25}{1000} = 0.025$$

5) Divide $16\frac{2}{3} \div 8\frac{1}{3}$

a) 2   b) 3   c) 4   d) 5

1) $\frac{50}{3} \div \frac{25}{3}$

2) $\frac{50}{3}^2 \times \frac{3}{25}_1 = 2$

Homework

1) Find the volume of a cuboid of
$L = 5m,$ $B = 4m$ and $H = 3m$

a) $60 m^3$ b) $100 m^3$ c) $70 m^3$

d) $120 m^3$

2) If $100°$ is bisected the value
of each angle is

a) $60°$ b) $50°$ c) $45°$ d) $120°$

3) Find the speed if $D = 800 m$ &
time $= 5 min$

a) $120 \, m/min$ b) $160 \, m/min$

c) $150 \, m/min$ d) $185 \, m/min$

4) Find $0.01 - 0.009$

a) 0.001 b) 0.002 c) 0.003 d) 0.004

5) The H.cf of 2 number is 5 and LCM is 165 and one number is 55. The other no. is

a) 15   b) 10   c) 20   d) 35.