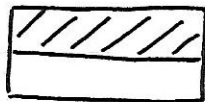


ANSWERS

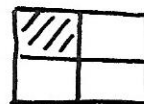
1)

a)



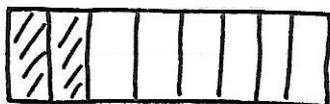
$$\begin{aligned}\text{fraction} &= \frac{1}{2} \\ &= \frac{50}{100} \quad \times 50 \\ &= 50\%\end{aligned}$$

b)



$$\begin{aligned}\text{fraction} &= \frac{1}{4} \\ &= \frac{25}{100} \quad \times 25 \\ &= 25\%\end{aligned}$$

c)



$$\begin{aligned}\text{fraction} &= \frac{2}{8} \\ &= \frac{1}{4} \quad \div 2 \\ &= \frac{25}{100} \quad \times 25 \\ &= 25\%\end{aligned}$$

d)



$$\begin{aligned}\text{fraction} &= \frac{3}{12} \\ &= \frac{1}{4} \quad \div 3 \\ &= \frac{25}{100} \quad \times 25 \\ &= 25\%\end{aligned}$$

2)

a) $13 + 7 = 20$

b) fraction girls = $\frac{7}{20}$
 $= \frac{35}{100} \quad \times 5$

% girls = 35%

3)

$$\begin{aligned}\text{fraction} &= \frac{13}{25} \\ &= \frac{52}{100} \quad \times 4\end{aligned}$$

% score = 52%

$$\begin{array}{r} 13 \\ \times 4 \\ \hline 52 \end{array}$$

4) a) Red $\frac{3}{20} \times 5$
 $= \frac{15}{100}$
 $= 15\%$

b) Blue $\frac{4}{20} \times 5$
 $= \frac{20}{100}$
 $= 20\%$

c) Green $\frac{7}{20} \times 5$
 $= \frac{35}{100}$
 $= 35\%$

d) Yellow $\frac{6}{20} \times 5$
 $= \frac{30}{100}$
 $= 30\%$

5) Total cars =
$$\begin{array}{r} 28 \\ 42 \\ 56 \\ 52 \\ + 22 \\ \hline 200 \end{array}$$

a) FORD $\frac{42}{200} \div 2$
 $= \frac{21}{100}$
 $= 21\%$

b) VAUXHALL $\frac{52}{200} \div 2$
 $= \frac{26}{100}$
 $= 26\%$