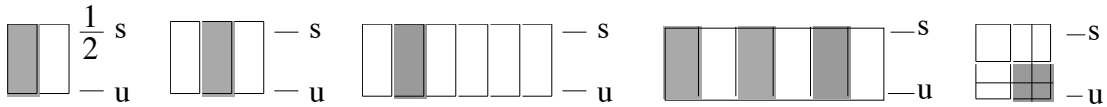


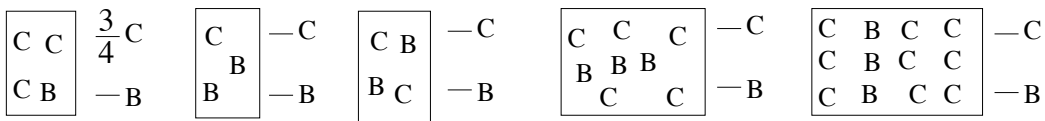


.... $\frac{3}{5}$ means '3 out of 5' and '3 divided by 5' and '3 compared with 5' and ...

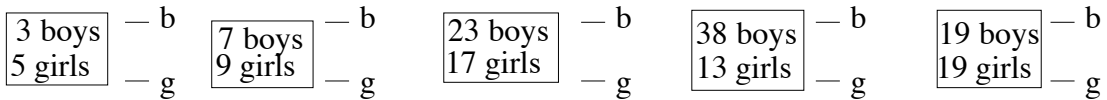
1 What fraction of the shape is shaded ? ...What fraction of the shape is unshaded ?



2 What fraction of the herd is Bulls ? ...What fraction of the herd is Cows ?



3 What fraction of the class is girls ? ...What fraction of the class is boys ?



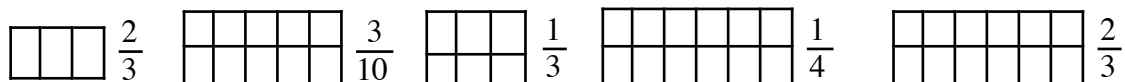
4 + : a $\frac{1}{3} + \frac{1}{3} = -$ b $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} = -$ c $\frac{1}{5} + \frac{1}{5} = -$ d $\frac{1}{7} + \frac{3}{7} = -$ e $\frac{1}{9} + \frac{2}{9} + \frac{1}{9} = -$
 f $\frac{2}{7} + \frac{1}{7} = -$ g $\frac{2}{9} + \frac{2}{9} = -$ h $\frac{1}{4} + \frac{2}{4} = -$ i $\frac{3}{10} + \frac{4}{10} = -$ j $\frac{1}{5} + \frac{2}{5} + \frac{1}{5} = -$

5 - : a $\frac{2}{3} - \frac{1}{3} = -$ b $\frac{4}{7} - \frac{1}{7} = -$ c $\frac{3}{5} - \frac{2}{5} = -$ d $\frac{5}{8} - \frac{3}{8} = -$ e $\frac{7}{9} - \frac{2}{9} = -$
 f $1 - \frac{1}{4} = -$ g $1 - \frac{1}{5} = -$ h $1 - \frac{2}{5} = -$ i $1 - \frac{4}{9} = -$ j $1 - \frac{3}{11} = -$

6 × : a $2 \times \frac{1}{3} = -$ b $3 \times \frac{1}{7} = -$ c $2 \times \frac{1}{5} = -$ d $3 \times \frac{3}{10} = -$ e $4 \times \frac{1}{9} = -$
 f $2 \times \frac{2}{7} = -$ g $3 \times \frac{2}{7} = -$ h $4 \times \frac{2}{11} = -$ i $5 \times \frac{4}{21} = -$ j $11 \times \frac{7}{100} = -$

7 of : a $\frac{1}{2}$ of $\frac{4}{7} = -$ b $\frac{1}{2}$ of $\frac{6}{11} = -$ c $\frac{1}{2}$ of $\frac{8}{17} = -$ d $\frac{1}{3}$ of $\frac{6}{7} = -$ e $\frac{1}{3}$ of $\frac{12}{13} = -$
 f $\frac{1}{6}$ of $\frac{12}{25} = -$ g $\frac{1}{4}$ of $\frac{4}{9} = -$ h $\frac{1}{8}$ of $\frac{24}{79} = -$ i $\frac{1}{5}$ of $\frac{10}{13} = -$ j $\frac{1}{7}$ of $\frac{14}{19} = -$

8 Shade the fraction stated ... there may be several ways to do it : 5×2 marks



1 What fraction of the shape is shaded ? ... What fraction of the shape is unshaded ?

$$\frac{1}{2}s ; \frac{1}{2}u \quad \frac{1}{3}s ; \frac{2}{3}u \quad \frac{1}{6}s ; \frac{5}{6}u \quad \frac{3}{6} = \frac{1}{2}s ; \frac{3}{6} = \frac{1}{2}u \quad \frac{1}{4}s ; \frac{3}{4}u$$

2 What fraction of the herd is Bulls ? ... What fraction of the herd is Cows ?

$$\frac{3}{4}c \quad \frac{1}{3}c \quad \frac{2}{4} = \frac{1}{2}c \quad \frac{5}{8}c \quad \frac{9}{12} = \frac{3}{4}c$$

$$\frac{1}{4}B \quad \frac{2}{3}B \quad \frac{2}{4} = \frac{1}{2}B \quad \frac{3}{8}B \quad \frac{3}{12} = \frac{1}{4}B$$

3 What fraction of the class is Girls ? ... What fraction of the class is Boys ?

$$\boxed{\frac{3}{8}b, \frac{5}{8}g} \quad \boxed{\frac{7}{16}b, \frac{9}{16}g} \quad \boxed{\frac{23}{40}b, \frac{17}{40}g} \quad \boxed{\frac{38}{51}b, \frac{13}{51}g} \quad \boxed{\frac{19}{38} = \frac{1}{2}b, \frac{19}{38} = \frac{1}{2}g}$$

4 + :

a $\frac{2}{3}$	b $\frac{3}{7}$	c $\frac{2}{5}$	d $\frac{4}{7}$	e $\frac{4}{9}$
f $\frac{3}{7}$	g $\frac{4}{9}$	h $\frac{3}{4}$	i $\frac{7}{10}$	j $\frac{4}{5}$

5 - :

a $\frac{1}{3}$	b $\frac{3}{7}$	c $\frac{1}{5}$	d $\frac{2}{8}$	e $\frac{5}{9}$
f $\frac{3}{4}$	g $\frac{4}{5}$	h $\frac{3}{5}$	i $\frac{5}{9}$	j $\frac{8}{11}$

6 × :

a $\frac{2}{3}$	b $\frac{3}{7}$	c $\frac{2}{5}$	d $\frac{9}{10}$	e $\frac{4}{9}$
f $\frac{4}{7}$	g $\frac{6}{7}$	h $\frac{8}{11}$	i $\frac{20}{21}$	j $\frac{77}{100}$

7 of :

a $\frac{2}{7}$	b $\frac{3}{11}$	c $\frac{4}{17}$	d $\frac{2}{7}$	e $\frac{4}{13}$
f $\frac{2}{25}$	g $\frac{1}{9}$	h $\frac{3}{79}$	i $\frac{2}{13}$	j $\frac{2}{19}$

8 Shade the fraction stated : 2 marks each

