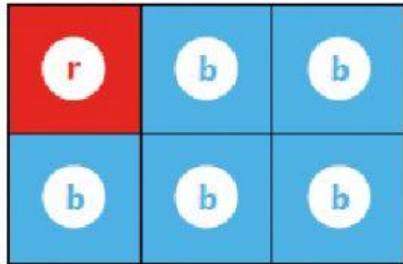


1. Write, as a fraction, the proportions for the colours on each grid:

a.



<input type="text"/>		<input type="text"/>
<hr/>	red	<hr/>
<input type="text"/>		<input type="text"/>
		blue

b.



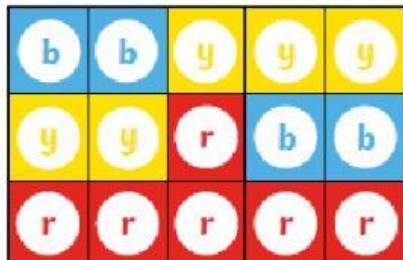
<input type="text"/>		<input type="text"/>
<hr/>	yellow	<hr/>
<input type="text"/>		<input type="text"/>
		green

c.



<input type="text"/>	<input type="text"/>	<input type="text"/>
<hr/>	<hr/>	<hr/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
Purple	green	orange

d.



<input type="text"/>	<input type="text"/>	<input type="text"/>
<hr/>	<hr/>	<hr/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
Blue	red	yellow

- 1** Class 6 are playing basketball. Here are the number of shots each player has had and the number of baskets they scored.

- a** Write the proportion of baskets scored for each player. Remember that proportion is a way to compare a part (the number of baskets) with the whole (the total number of shots).

Name	Number of shots in total	Number of baskets scored
Krishna	4	1
Alex	100	10
Lucy	6	3
Megan	3	1
Brett	16	8
Satpal	9	8

Krishna scores $\frac{1}{4}$ of her shots. Alex scores $\frac{\quad}{\quad}$ of his shots.

Lucy scores $\frac{\quad}{\quad}$ of her shots. Megan scores $\frac{\quad}{\quad}$ of her shots.

Brett scores $\frac{\quad}{\quad}$ of his shots. Satpal scores $\frac{\quad}{\quad}$ of his shots.

- b** Two players score half of the shots they take. Which players are they?

and

- 2** Direct proportion means that, as one thing increases, so does another.



60c



50c for 3



20c for a pack of 10

- a** How much do two notepads cost?

- b** How much will it cost to buy 9 pencils? Why?

- c** Tom spends 80c on sticky notes. How many packs does he buy? Why?

- 3** Use the recipe to work out the amounts.

- a** How much butter is required for 64 gingerbread men? g

- b** How much flour is required for 80 gingerbread men? g

- c** How many gingerbread men can be made with 15 g sugar (plus other ingredients)? gingerbread men

- d** How many gingerbread men can be made with 5 g ginger (plus other ingredients)? gingerbread men

Gingerbread Men

Makes 16 gingerbread

180 g flour 40 g ginger

110 g butter 30 g sugar