mobius

Probability - Shapes, One Set of One Shape, Two Colors - Pick Two by Color, To Fraction

1 What is the chance of drawing two green shapes in a row at random from this box?

A	B	C
$\dfrac{5}{10}$	$\dfrac{6}{6}$	$\dfrac{6}{30}$
D	E	F
$\dfrac{4}{8}$	$\dfrac{2}{2}$	$\dfrac{10}{10}$

2 What is the chance of drawing two black shapes in a row at random from this box?

A	B	C
$\dfrac{3}{8}$	$\dfrac{1}{5}$	$\dfrac{2}{6}$
D	E	F
$\dfrac{3}{3}$	$\dfrac{2}{8}$	$\dfrac{1}{2}$

3 What is the chance of drawing two blue shapes in a row at random from this box?

A	B	C
$\dfrac{2}{5}$	$\dfrac{5}{10}$	$\dfrac{1}{2}$
D	E	F
$\dfrac{1}{5}$	$\dfrac{2}{42}$	$\dfrac{4}{4}$

4 What is the chance of drawing two pink shapes in a row at random from this box?

A	B	C
$\dfrac{2}{8}$	$\dfrac{5}{8}$	$\dfrac{4}{6}$
D	E	F
$\dfrac{1}{5}$	$\dfrac{2}{6}$	$\dfrac{5}{10}$

5 What is the chance of drawing two black shapes in a row at random from this box?

A	B	C
$\dfrac{3}{5}$	$\dfrac{2}{12}$	$\dfrac{4}{10}$
D	E	F
$\dfrac{1}{5}$	$\dfrac{2}{3}$	$\dfrac{2}{5}$

6 What is the chance of drawing two red shapes in a row at random from this box?

A	B	C
$\dfrac{3}{8}$	$\dfrac{2}{2}$	$\dfrac{5}{10}$
D	E	F
$\dfrac{1}{2}$	$\dfrac{1}{4}$	$\dfrac{2}{4}$

7 What is the chance of drawing two yellow shapes in a row at random from this box?

A	B	C
$\dfrac{1}{3}$	$\dfrac{1}{5}$	$\dfrac{1}{10}$
D	E	F
$\dfrac{1}{2}$	$\dfrac{1}{6}$	0

8 What is the chance of drawing two green shapes in a row at random from this box?

A	B	C
$\dfrac{1}{8}$	$\dfrac{1}{5}$	$\dfrac{20}{42}$
D	E	F
$\dfrac{2}{6}$	$\dfrac{6}{8}$	$\dfrac{2}{2}$

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