

3rd May

Corbettmaths

Solve $5x^2 = 24 - 14x$

Find the nth term of

5 8 13 20 29 ...

Make b the subject of

$$\sqrt{\frac{4ab}{a-b}} = 5$$

Bag 1 contains 3 red, 5 white and 2 green beads

Bag 2 contains 2 red, 2 white beads and 3 green beads

Bag 3 contains 4 red, 1 white and 1 green beads.

A bead is taken from each bag at random.

A red is worth 1 point

A white is worth 2 points

A green is worth 3 points.

The points are added together.

Find the probability of scoring a 5.