A cylinder has a height of 18cm and volume of 1715cm³. Work out the surface area of the cylinder.

Harrison has two bags, each containing discs.

Harrison chooses a disc at random from Bag 1. If the disc is labelled 1, he puts the disc in Bag 2. If the disc is not labelled 1, he does not put the disc in Bag 2. Harrison then chooses a disc at random from Bag 2.

Harrison adds together the numbers from the two discs he selected to give his score. Find the probability of Harrison scoring 4.

Solve
\[ \frac{x + 1}{x - 3} + \frac{2}{x - 4} = 2 \]

Give your solutions to 3 significant figures.