02405 Probability 2003-9-18 BFN/bfn

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Question a) By considering a sequence of throws we get

P(1)

02405 Probability 2003-9-18 BFN/bfn

$$P(1) = 0$$

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Question a) By considering a sequence of throws we get

$$P(1) = 0$$

P(2)

02405 Probability 2003-9-18 BFN/bfn

$$P(1) = 0$$

$$P(2) = \frac{1}{6}$$

02405 Probability 2003-9-18 BFN/bfn

$$P(1) = 0$$

$$P(1) = 0$$

$$P(2) = \frac{1}{6}$$

02405 Probability 2003-9-18 BFN/bfn

$$P(1) = 0$$

$$P(2) = \frac{1}{6}$$

$$P(3) = \frac{5}{6}$$

02405 Probability 2003-9-18 BFN/bfn

$$P(1) = 0$$

$$P(2) = \frac{6}{6}$$

$$P(3) = \frac{5}{6} \frac{2}{6}$$

02405 Probability 2003-9-18 BFN/bfn

$$P(1) = 0$$

$$P(2) = \frac{1}{6}$$

$$P(3) = \frac{5}{6} \frac{2}{6}$$

02405 Probability 2003-9-18 BFN/bfn

$$P(1) = 0$$

$$P(2) = \frac{1}{6}$$

$$P(3) = \frac{52}{66}$$

$$P(4) = \frac{5}{6}$$

02405 Probability 2003-9-18 BFN/bfn

$$P(1) = 0$$

$$P(2) = \frac{1}{6}$$

$$P(3) = \frac{52}{66}$$

$$P(4) = \frac{5}{6} \frac{4}{6}$$

02405 Probability 2003-9-18 BFN/bfn

$$P(1) = 0$$

$$P(2) = \frac{1}{6}$$

$$P(3) = \frac{52}{66}$$

$$P(4) = \frac{543}{666}$$

02405 Probability 2003-9-18 BFN/bfn

$$P(1) = 0$$

$$P(2) = \frac{1}{6}$$

$$P(3) = \frac{52}{66}$$

$$P(4) = \frac{543}{666}$$

$$P(5) = \frac{5434}{6666}$$

$$P(6) = \frac{54325}{66666}$$

$$P(7) = \frac{54321}{66666}$$

 $\begin{array}{l} 02405 \text{ Probability} \\ 2003\text{-}9\text{-}18 \\ \text{BFN/bfn} \end{array}$ 

Question a) By considering a sequence of throws we get

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$$P(4) = \frac{543}{6666}$$

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$$P(7) = \frac{54321}{6666666}$$

Question b) The sum of the probabilities  $p_2$  to  $p_6$  must be

Question a) By considering a sequence of throws we get

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Question b) The sum of the probabilities  $p_2$  to  $p_6$  must be one,

Question a) By considering a sequence of throws we get

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Question b) The sum of the probabilities  $p_2$  to  $p_6$  must be one, thus the sum in question is 1.

02405 Probability 2003-9-18 BFN/bfn

Question a) By considering a sequence of throws we get

$$P(1) = 0$$

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Question b) The sum of the probabilities  $p_2$  to  $p_6$  must be one, thus the sum in question is 1.

Question c) Can be seen immediately.