Answer on Question #52430 – Math – Statistics and Probability

Question

From the set A={3,2 √ ,23 √ ,9 √ ,7 √ },a number is selected at random. Find the probability that is a rational number

Solution

$A = \left\{\sqrt{3,2}; \sqrt{23}; \sqrt{9}; \sqrt{7}\right\}, the\ only\ rational\ is\ \sqrt{9} = 3, which\ is\ one\ of\ four;$
$The\ probability\ of\ selecting\ \sqrt{9}\ is\ \frac{1}{4} = 0,25.$

Answer: 0.25.