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EXPERIMENTAL PROBABILITY **A bag contains red, blue, and green tiles. You randomly choose a tile from the bag, record the result, and then replace it. The table shows the results of several trials. Write the probability of the event as a fraction.**

11. You choose a red tile.

12. You choose a blue tile.

13. You choose a green tile.

Tile color	red	blue	green
Times chosen	9	5	6

11. _____ 12. _____ 13. _____

21. ERROR ANALYSIS Describe and correct the error made in finding the probability of randomly choosing a red bean from a bag containing 5 red beans and 9 blue beans.

$P(\text{red}) = \frac{\text{Number of red beans}}{\text{Number of blue beans}} = \frac{5}{9}$ ✗

So, the probability of choosing a red bean is $\frac{5}{9}$.

Describe the Error Correct Answer

BASKETBALL **The table below shows the shots attempted and made by a basketball player during a season. Find the probability that the player makes the given shot. Write the probability as a decimal rounded to the nearest hundredth.**

31. Free throw

32. Two point

33. Three point

	Free throw	Two point	Three point
Attempted	589	1597	132
Made	488	749	33

31. _____ 32. _____ 33. _____