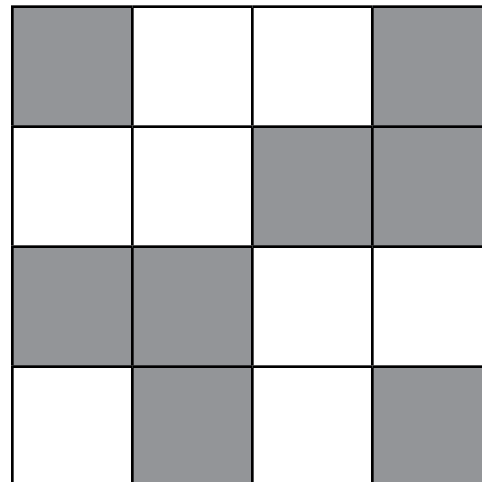


# Penny Tossing Fools?

1. Find the probabilities for this board. Is this a fair game? Explain.

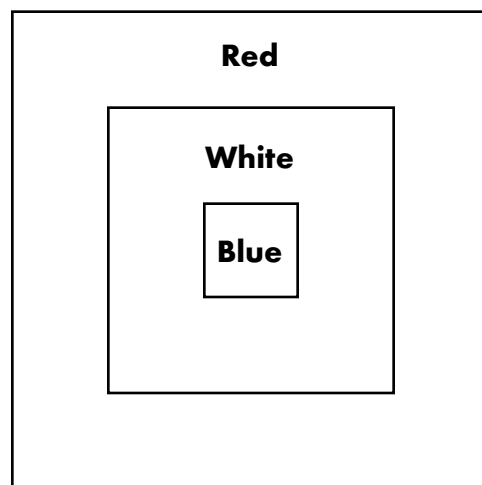
P(shaded)=\_\_\_\_\_ P(white)=\_\_\_\_\_



2. Find the probabilities for this board.

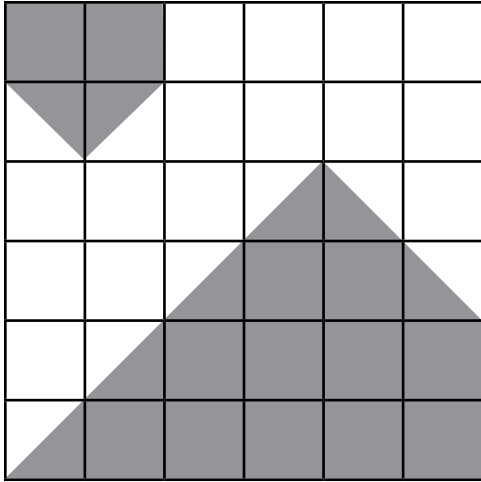
P(red)=\_\_\_\_\_ P(white)=\_\_\_\_\_ P(blue)=\_\_\_\_\_

If a penny lands in the red for a score of one point, how many points should a penny landing in the blue score equal to make the scoring fair?

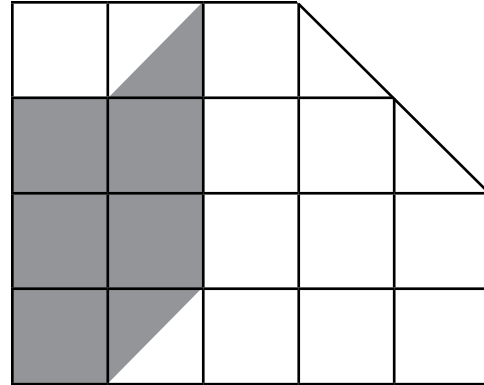


STUDENT HANDOUT

3. Find the probability the penny will land in the shaded areas:



(a)  $P =$  \_\_\_\_\_



(b)  $P =$  \_\_\_\_\_

4. Find the probabilities for this game board.

$P(\text{white}) =$  \_\_\_\_\_       $P(\text{shaded}) =$  \_\_\_\_\_

