



ANSWERS

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Probability: the chance that a certain event will occur.

The target is split into 5 areas. Each area is worth a certain amount of points. Juliet shoots one arrow toward the target. All things equal, what is the probability that she hits...

1. the red area?

$\frac{1}{5}$

2. the black or white area?

$\frac{2}{5}$

3. more than 30 points?

$\frac{2}{5}$

4. less than 50 points?

$\frac{4}{5}$

The target is split into 5 areas. Juliet shoots one arrow toward the target. All things equal, the arrow hits the black area for 20 points. Juliet shoots a second arrow toward the target. All things equal, what is the probability that she scores a total of...

1. 40 points?

$\frac{1}{5}$

2. 50 points or more?

$\frac{3}{5}$

3. 40 points or less?

$\frac{2}{5}$

4. 30 points or more?

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