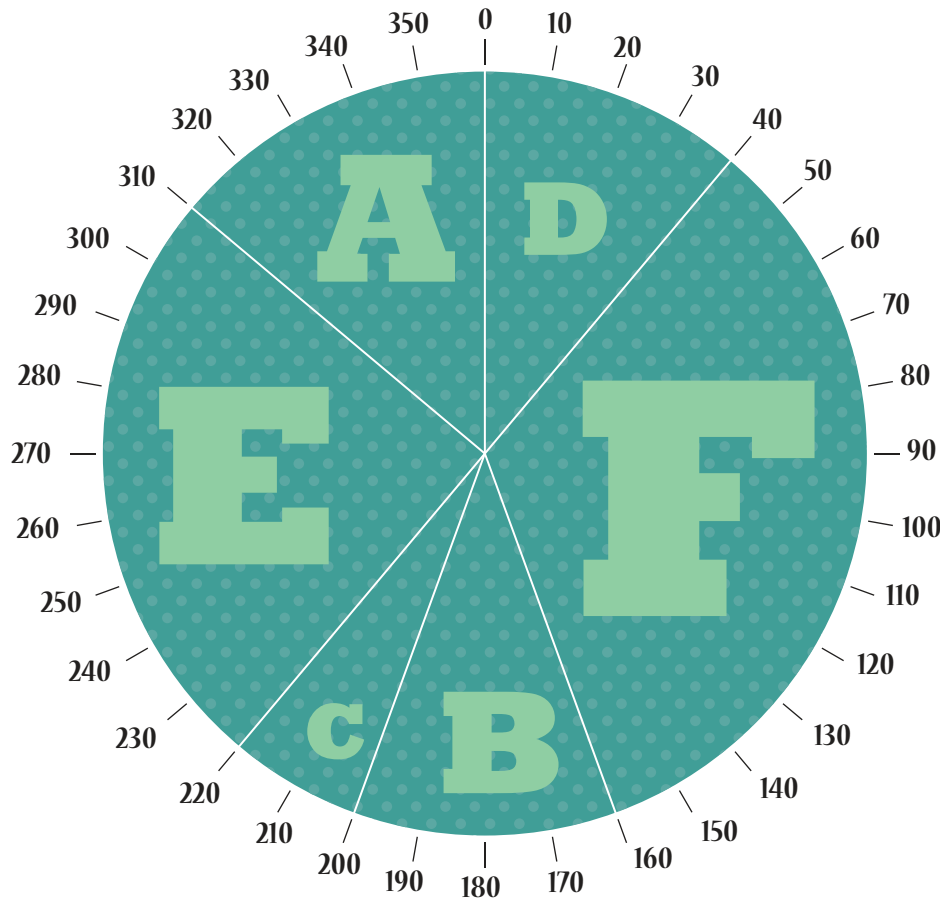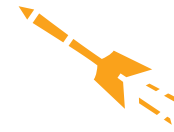# Probability Darts 3

Find the portion of the dart board that each panel occupies and use your knowledge of degrees and fractions to answer the following questions about probability.

REMEMBER: Probability is the likelihood a given outcome will occur. It is expressed as a fraction.

Fractions

A **5/36**
$50°/360°$

B 1/9

C 1/18

D 1/9

E 1/4

F 1/3

Use the information above to answer the questions below.

1 Is the next dart thrown more likely to hit E or F? Why?

F - It is more like to hit panel F because 1/3 is greater than 1/4

2 What is the probability the next dart thrown hits a letter that comes before D _____ alphabetically?

5/36 + 4/36 + 2/36 = 11/36

3 What is the probability the next dart thrown hits panel A, B, or D? Is it more or less than 1/2?

5/36 + 4/36 + 4/36 = 13/36   It is is less than 1/2

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