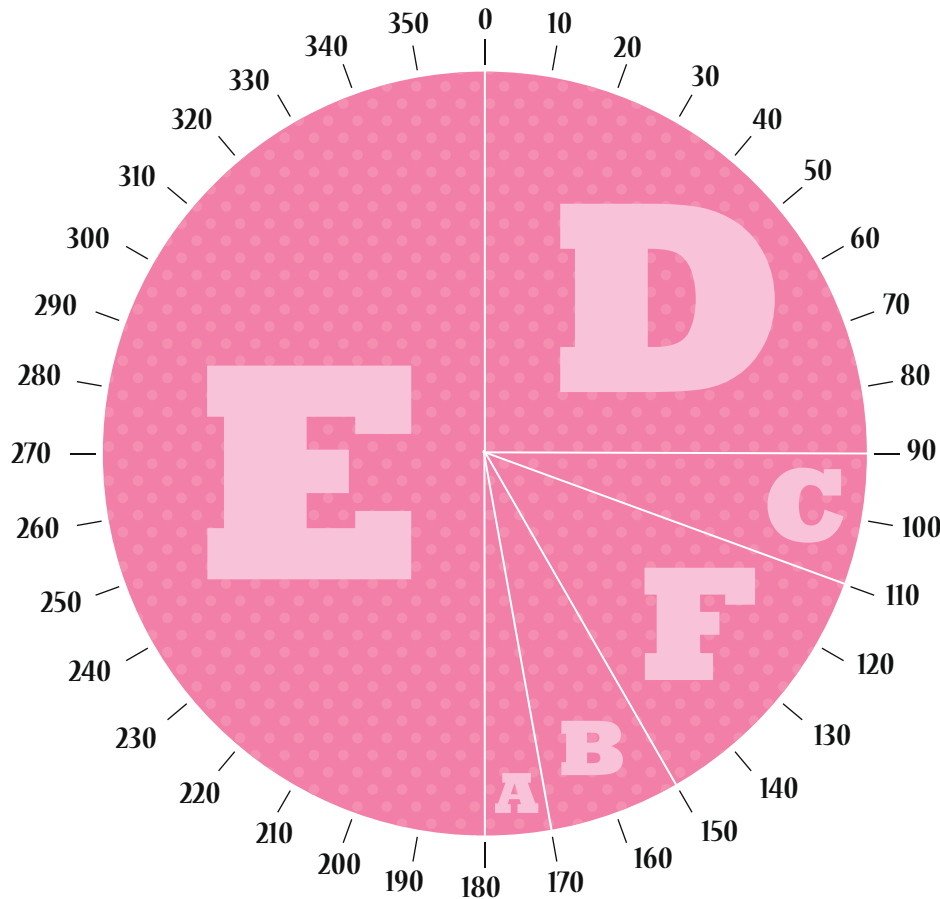# Probability Darts

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 **1/36** $10°/360°$

B 1/18

C 1/18

D 1/4

E 1/2

F 1/9

Use the information above to answer the questions below.

1 Is the next dart thrown more likely to hit a vowel or a consonant?
Vowel

2 What is the probability that the next dart thrown hits panel C or panel B?
1/18 + 1/18 = 1/9

3 Which panels have a probability <u>less than or equal to 1/6</u> that they will be hit? What is the probability that the next dart thrown hits one of them?
1/36 + 1/18 + 1/18 + 1/9 = 1/4