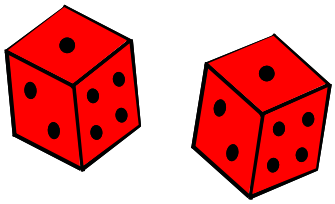
7.SP.C.7a

Dice Probability (A)



Section A

1) *How many **faces** are there on a normal die?*

2) *What are the possible **results** when rolling a normal die?*

Section B

A fair die is rolled. Find the following probabilities as simplified fractions.

Calculate:	Answer
P(1)	
P(3)	
P(5)	
P(6)	
P(8)	

Calculate:	Answer
P(1 or 2)	
P(3 or 5)	
P(4, 5 or 6)	
P(1, 2, 3 or 4)	
P(not a 6)	

Calculate:	Answer
P(odd)	
P(multiple of 2)	
P(multiple of 3)	
P(greater than 1)	
P(less than 3)	

Calculate:	Answer
P(factor of 12)	
P(factor of 20)	
P(factor of 36 ≥ 3)	
P(prime number)	
P(square number)	

Section C

A fair die is rolled. Put the following events on the probability scale.

A. a 3

B. not a 4

C. a number less than or equal to 6

D. an odd prime number

E. an even number

F. not a square number