

ML8 Chapter 11 Get Ready Answers

BLM 11–2 Chapter 11 Get Ready

1. a) $\frac{3}{4} = 0.75 = 75\%$ b) $\frac{1}{6} = 0.1\bar{6} = 16.\bar{6}\%$

2.

Fraction	Decimal	Percent
a) $\frac{4}{5}$	0.8	80%
b) $\frac{2}{3}$	0.666666....	66. $\bar{6}\%$
c) $\frac{4}{11}$	0.3636....	36. $\bar{36}\%$
d) $\frac{1}{3}$	0.33333....	33. $\bar{3}\%$

3. a) $\frac{1}{3}$, $0.\bar{3}$, $33.\bar{3}\%$ b) $\frac{2}{3}$, $0.\bar{6}$, $66.\bar{6}\%$

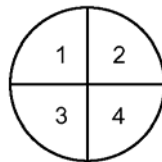
c) $\frac{0}{3}$, 0.00, 0%. There are no numbers greater than 3 on the spinner so there is 0 probability.

4. a)

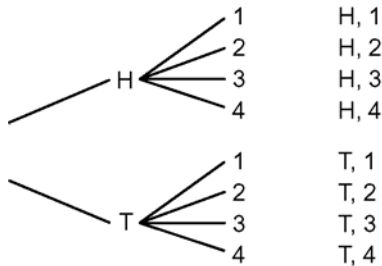
	1	2	3	4	5	6
A	A, 1	A, 2	A, 3	A, 4	A, 5	A, 6
B	B, 1	B, 2	B, 3	B, 4	B, 5	B, 6

b) (A, 1), (A, 2), (A, 3), (A, 4), (A, 5), (A, 6), (B, 1), (B, 2), (B, 3), (B, 4), (B, 5), (B, 6)

c) $P(A, < 5) = \frac{4}{12}$ or $\frac{1}{3}$ 5. a)



b) Coin Flip Spinner Outcome



c) $P(H \text{ or } T, < 5) = 100\%$. Every outcome in the sample space will consist of either a head or a tail and a spin of less than 5.

6. a) $\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$ b) $\frac{3}{4} \times \frac{2}{3} = \frac{1}{2}$

7. a) $\frac{3}{20}$ b) $\frac{1}{2}$ c) $\frac{8}{15}$