

Year 5 Homework Answer

Module 4: Probability

1.

Less likely
More likely
Impossible
Impossible

2.

Impossible; unlikely; even chance; likely; certain

3.

a) $\frac{1}{2}$

b) $\frac{1}{8}$

c) $\frac{6}{8}$ or $\frac{3}{4}$

d) $\frac{7}{8}$

4.

a) $\frac{3}{4}$

b) 0

c) $\frac{1}{2}$

d) $\frac{1}{4}$

e) 0

5.

a) $\frac{8}{40}$ or $\frac{1}{5}$

b) $\frac{20}{40}$ or $\frac{1}{2}$

6.

$$\frac{30}{35} \text{ or } \frac{6}{7}$$

7.

$$\frac{5}{11}$$

8.

a) $\frac{3}{9}$ or $\frac{1}{3}$

b) 0

9.

$$\frac{2}{52} \text{ or } \frac{1}{26}$$

10.

a) Flavour: Chocolate(C); Honeycomb(H); Rainbow(R)

Cone: Waffle(W); Sugar(S)

Combination: CW; CS; HW; HS; RW; RS

There are 6 combinations

b) $\frac{1}{6}$

11.

a) $\frac{9}{20}$

b) $\frac{12}{20}$ or $\frac{3}{5}$

c) $\frac{5}{8}$

12.

a) Ham-Tomatoes-Ranch; Ham-Tomatoes-Italian; Ham-Carrots-Ranch; Ham-Carrot-Italian;

Turkey-Tomatoes-Ranch; Turkey-Tomatoes-Italian; Turkey-Carrots-Ranch; Turkey-Carrot-Italian;

8 combinations

d) $\frac{1}{8}$