

1. This table gives some information about the first drink of the day for 60 people.

	Hot drink	Cold drink
Adult	24	5
Child	2	29

One of the people is chosen at random.

Write down the probability that the person is a child whose first drink was cold.

1.

Write down the probability that the person is a child.

1.

2. Some information about the starter chosen by 80 guests at a wedding.

	Fish	Meat	Vegetarian
Pate	2	12	5
Salad	8	7	18
Soup	10	5	13

One of the starters is chosen at random.

Write down the probability that the starter was a vegetarian soup.

2.

Write down the probability that the starter was vegetarian.

2.

3. Some information about 20 chocolates in a box is shown in this table.

	Fruit filling	Toffee filling	No filling
Plain chocolate	1	3	4
Milk chocolate	8	2	2

One of the sweets is chosen at random.

Write down the probability that the sweet was plain chocolate with toffee filling.

3.

Write down the probability that the sweet had a toffee filling.

3.

4. This table gives some information about 50 people shopping one lunch time.

	Day off	Lunch hour	Not working
Child	15	2	0
Woman	2	22	3
Man	1	3	2

One of the people is chosen at random.

Write down the probability that the person was a man shopping in his lunch hour.

4.

Write down the probability that the person was a woman.

4.

Answers

Q1: $\frac{29}{60}$ $\frac{31}{60}$

Q2: $\frac{13}{80}$ $\frac{36}{80} = \frac{9}{20}$

Q3: $\frac{3}{20}$ $\frac{5}{20} = \frac{1}{4}$

Q4: $\frac{3}{50}$ $\frac{27}{50}$