

## Independent Events

### Workout

Question 1:

(a)  $\frac{1}{4}$

(b)  $\frac{1}{4}$

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

Question 2:  $\frac{4}{9}$

Question 3:

(a)  $\frac{9}{25}$

(b)  $\frac{4}{25}$

Question 4:

(a) 0.16

(b) 0.06

(c) 0.3

Question 5:

(a)  $\frac{1}{216}$

(b)  $\frac{125}{216}$

Question 6:

(a) 0.48

(b) 0.64

Question 7:

(a)  $\frac{25}{81}$

(b)  $\frac{4}{9}$

(c)  $\frac{46}{81}$

Question 8:

(a)  $\frac{1}{64}$

(b)  $\frac{27}{64}$

(c)  $\frac{27}{64}$

Question 9:

(a)  $\frac{3}{20}$

(b)  $\frac{1}{30}$

(c)  $\frac{47}{60}$

Question 10:

$\frac{16384}{78125}$

## Apply

Question 1: £120

Question 2:  $\frac{15}{16}$

Question 3:  $\frac{9}{16}$

Question 4: 0.12