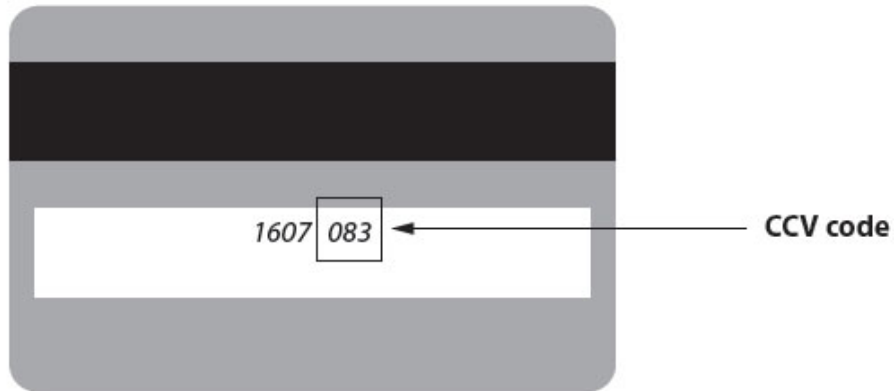


Q1.

Ryan uses the airline 'Fast Flights' to travel to overseas athletics events.

Ryan decides to buy his flight tickets online. Before he pays, he signs up for an online account.

Ryan pays for the flights with his debit card. He enters his three-digit CCV code.



Why does he have to do this?

(1)

- A** To validate his bank's branch number
- B** To add another level of security to the transaction
- C** To verify the card number
- D** To include his PIN number with the transaction

Q2.

Ryan uses the airline 'Fast Flights' to travel to overseas athletics events.

Ryan decides to buy his flight tickets online. Before he pays, he signs up for an online account.

The website gives Ryan the option to receive offers by email.

State **one** reason why Fast Flights would ask Ryan for his permission before sending him marketing emails.

(1)

Q3.

Ryan uses the airline 'Fast Flights' to travel to overseas athletics events.

Ryan decides to buy his flight tickets online. Before he pays, he signs up for an online account.

The site offers RSS feeds.

State **one** reason why Ryan might subscribe to the RSS feed from this site.

(1)

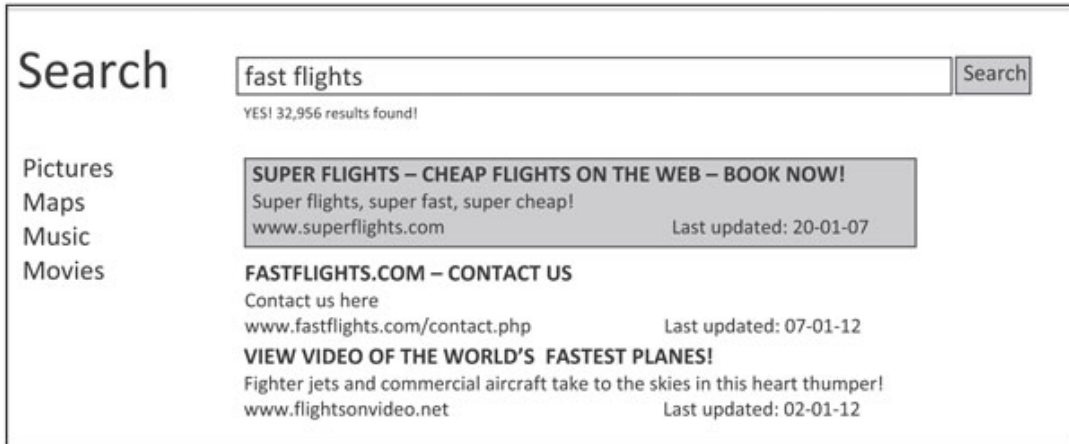
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Q4.

Ryan uses the airline 'Fast Flights' to travel to overseas athletics events.

Ryan enters 'fast flights' into a search engine and gets these results:



(i) Why is the link to www.superflights.com at the top of the list?

(1)

- A The link had been visited before
- B The website provides the best service
- C It contains the most recent information
- D The company pays for the link to be placed there

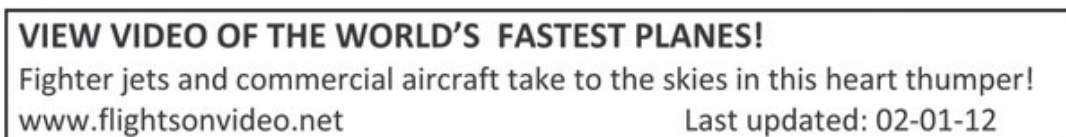
(ii) Ryan's search has found 32,956 results, many of which are not relevant.

State **two** ways in which Ryan could refine his search.

(2)

- 1
- 2

(iii) Ryan clicks on this link:



It opens a viral video.

Describe why viral videos are useful to companies.

(2)

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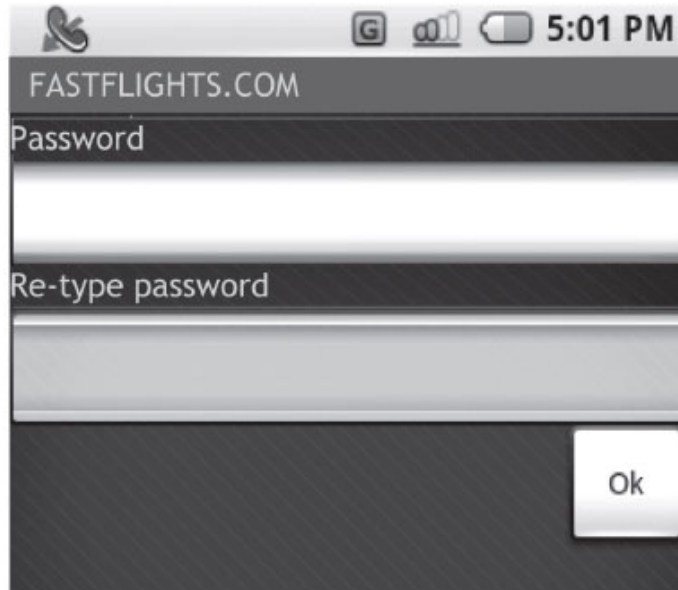
Q5.

Ryan uses the airline 'Fast Flights' to travel to overseas athletics events.

Ryan decides to buy his flight tickets online. Before he pays, he signs up for an online account.

When Ryan creates his online account, he is asked to choose a password.

He sees this:



(i) State why Ryan needs to enter his password twice.

(1)

.....

.....

(ii) Ryan is also asked for a memorable phrase. This will be used in a challenge response test to control access to his online account.

Give **one** other example of the type of information that could be used in a challenge response test.

(1)

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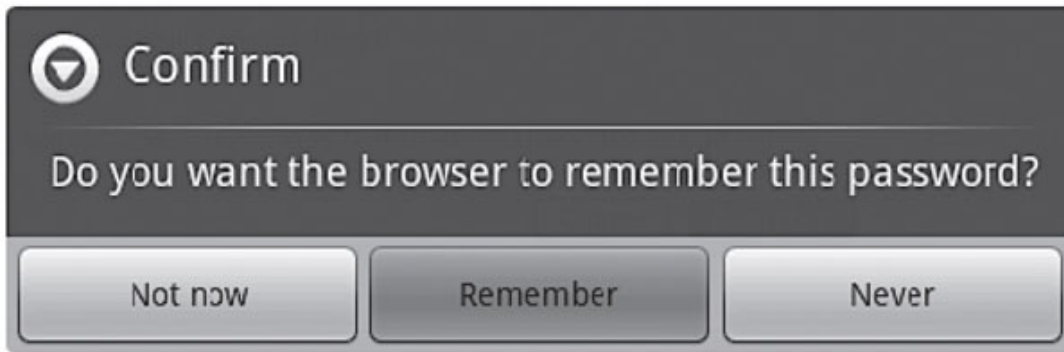
Q6.

Ryan uses the airline 'Fast Flights' to travel to overseas athletics events.

Ryan decides to buy his flight tickets online. Before he pays, he signs up for an online account.

When Ryan creates his online account, he is asked to choose a password.

Ryan sees this window:



(i) Which **one** of these could store Ryan's password information?

(1)

- A Filter
- B Certificate
- C Bookmark
- D Cookie

(ii) Give **one** disadvantage to Ryan of the browser remembering his password.

(1)

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Q7.

Mitch enjoys playing computer games.

Mitch and Stevie like to play games online with other users.

Explain how playing games online can help them develop social and other skills.

(3)

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Q8.

Mark plays online video games with people all over the world.

'Nintendo thumb' is one form of repetitive strain injury (RSI) associated with playing video games.

State **two** things Mark can do to avoid RSI when playing games.

(2)

1

.....

2

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Q9.

Mark plays online video games with people all over the world.

Mark wants a 'hands free' games console.

Give **two** ways in which a game can be controlled hands free.

(2)

1

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2

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