

FM Going on holiday

1 This table shows the outgoing flights from Leeds to Tenerife.

Flight	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Departs	Arrives
LS223		✈			✈	✈		13:55	18:30
LS225					✈			07:45	12:30

This table shows the return flights from Tenerife to Leeds.

Flight	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Departs	Arrives
LS224		✈			✈	✈		19:15	23:50
LS226					✈			13:30	18:05

Mr and Mrs Brown and their two children are planning a week's holiday to Tenerife.

Mr Brown goes on the Internet to find the times of the planes from Leeds to Tenerife.

- On which days can they fly out to Tenerife?
- The family decides to fly out on Friday morning and return on the latest flight on the following Friday. What are the flight numbers for the two flights?
- How long are these two flights?
- When Mr Brown books the flights, he is informed that he needs to check in at Leeds airport at least $2\frac{1}{2}$ hours before the departure time of the flight. What is the latest time the family can arrive at the airport?
- The return cost for an adult is £289 and for a child is £210. What is the total cost of the tickets for the family?
- Each member of the family also has to pay a fuel supplement tax at £6.08, a baggage allowance at £5.99 and £3 to book a seat. Find the total cost for the family.



2 Mr Brown decides to take some euros (€) for the holiday. The exchange rate at the bank is £1 = €1.25.

- Mr Brown changes £450 at the bank. How many euros will he receive? Give your answer to the nearest five euros.
- Mr Brown also has 120 dollars (\$) from a previous holiday to change into euros at the bank. The exchange rate at the bank is \$1 = £0.50. How many euros will he receive?
- Mr Brown returns from the holiday with €50. How much is this in pounds?



3 The scale shows the approximate conversion between stones (st) and kilograms (kg).



Each member of the family is allowed to check in one bag weighing up to 20 kg.

- Mr Brown weighs his bag and finds it weighs $3\frac{1}{2}$ st. Will he be able to check in his bag? Give a reason for your answer.
- If each member of family takes one bag, what is the maximum weight they can check in. Give your answer in stones.
- Each member of the family is also allowed up to 10 kg of hand baggage. Mrs Brown's hand baggage weighs 20 lb. (1 st = 14 lb) Will she be able to take this onto the plane? Give a reason for your answer.

4 Mr Brown wants to hire a car for six days. He finds this information on the Internet.

Hire a car: **Ford Ka** £12 per day
Renault Clio £15 per day
Opel Astra £20 per day

If you're heading out to Tenerife for some sun, take advantage of our outstanding offer of **20% off ALL** car hire. This offer applies to bookings on **ALL** car types.

Work out how much Mr Brown would pay for each car for the six days.

Answers