Focus on Events maths quiz

Look at the bus timetable below.

Outbound		Return	
Depart	Arrive	Depart	Arrive
11.35	12.10	20.30	21.05
12.05	12.40	21.00	21.35
12.35	13.10	21.30	22.05
13.05	13.40	22.00	22.35
13.35	14.10	22.30	23.05
14.05	14.40	23.00	23.35
14.35	15.10	23.30	00.05

You are going with your mates to see a concert. The concert is a day-long festival. You need to sort out transport from the city centre. There are special buses taking people to the concert.

You want to arrive in time to see a band that is playing at 2 p.m. You will need to be back in the city centre for midnight to catch the last bus to where you live.

1 What time buses would you need to catch to stay at the concert for as long as possible?

    A   13:35 and 23:30
    B   13.05 and 23:00
    C   13:05 and 23:30
    D   13:35 and 23:00

Answer:

2 How long will you actually be at the concert?

    A   10 hours 20 minutes
    B   11 hours 40 minutes
    C   9 hours 20 minutes
    D   8 hours 20 minutes

Answer:

3 The bus cost £2.50 for a return ticket and £1.35 for a single ticket. You and your mates booked two return tickets and two single tickets.

How much did the bus fares cost?

A   £6.30
B   £7.70
C   £3.85
D   £5.70

Answer:

4 You have purchased four tickets for the concert. These cost £15.50 each.

How much have you spent on tickets?

A   £62.50
B   £60.50
C   £65.50
D   £62

Answer:

5 Look at this menu

Jo's Mobile Diner	
Hot dog	£1.50
Cheese and onion pasty	£1.20
Kebab	£2.75
Chips	80 pence
Baked potato	£2.50
All day breakfast	£4.75

You go to the mobile snack bar at the concert. You go with an order to buy three hot dogs, one kebab and two portions of chips.
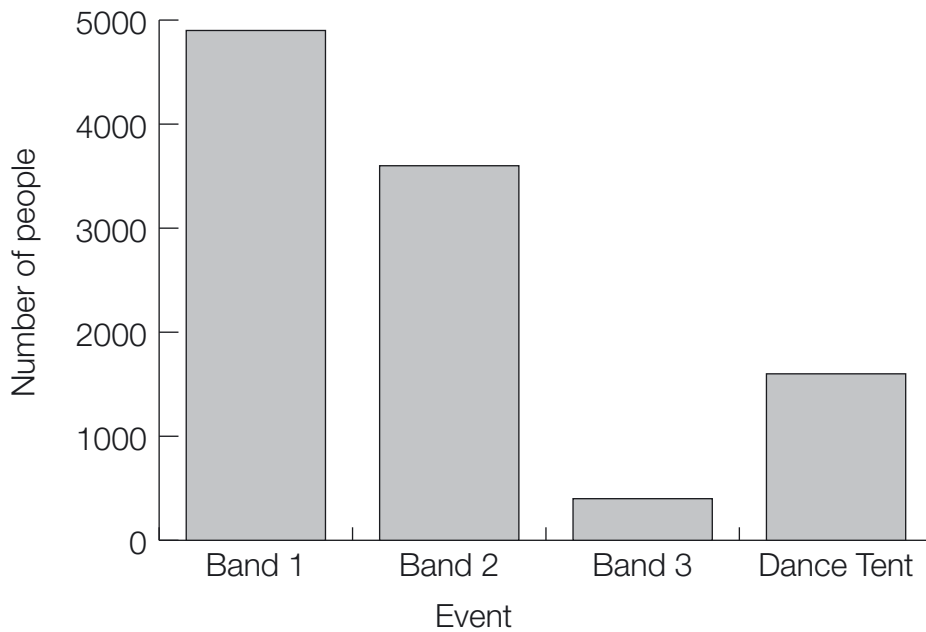
How much will the order cost?

A   £7.85
B   £10.05
C   £8.85
D   £8.55

Answer:

6 In the local newspaper after the concert, you spot a graph about the number of people attending each session.

How many people attended these four events?

A 15,000
B 12,500
C 10,500
D 13,000

Answer:

7 Eighteen thousand tickets were sold for the concert. Two thirds of the tickets were bought in advance. How many tickets were bought in advance?
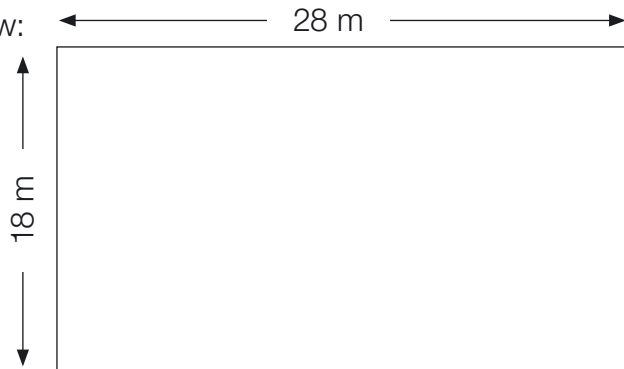
A 6,000
B 12,000
C 8,000
D 14,000

Answer:

8 A plan of the dance tent is shown below:

What is the area of the tent?

A 504 m²
B 92 m
C 46 m
D 92 m²

28 m

18 m

Answer:

9 When the event organisers had finished doing the accounts, they found that they had made a profit of twelve thousand, six hundred and four pounds.

Which of these numbers shows the amount of profit made?

A   £1,260,004,004

B   £12,600,4

C   £12,604

D   £12,640

Answer:

move on

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