



Olympic Village



Learning Challenge

Can I find 10% and 50% of a number?

Maths Master Challenge

Can I find 20% of a number?

During the Olympic Games all of the athletes will live in the Olympic Village.

They will travel between the Olympic Village and the different venues.

If they take the bus they will get a only pay 10% of the normal price

If they take the new *High Speed Olympic Shuttle* they will only pay 50% of the normal price

Example

10% is the same as $1/10$

So, to find 10% you need to divide the whole number by 10.

A ticket costs £6 so 10% will be $£6 \div 10$ which is **£0.60**

Or, to put it another way $600p \div 10$ which is 60p

On a calculator. $6 \times 10\%$ will give you the same answer.



10%



10%



10%



50%



50%



Ticket Price	Full Ticket Price	10% Price
Beach Volleyball Olympic Village to Horseguards Parade	£10	
Trampoline Olympic Village to North Greenwich Arena	£12	
Archery Olympic Village to Lord's Cricket Ground	£24	
Tennis Olympic Village to Wimbledon	£17	
Volleyball Olympic Village to Earls Court	£32	
Road Cycling Olympic Village to The Mall	£6.50	

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Some of the venues are further away outside London. They will only pay 20% of the ticket price to get a train to these places.

20%

20%

20%

Maths Master Challenge

What is 20% of £520?

[illegible]