

External assessment

Stimulus book

General Mathematics SEE

SEE 1

General instruction

- Work in this book will not be marked.

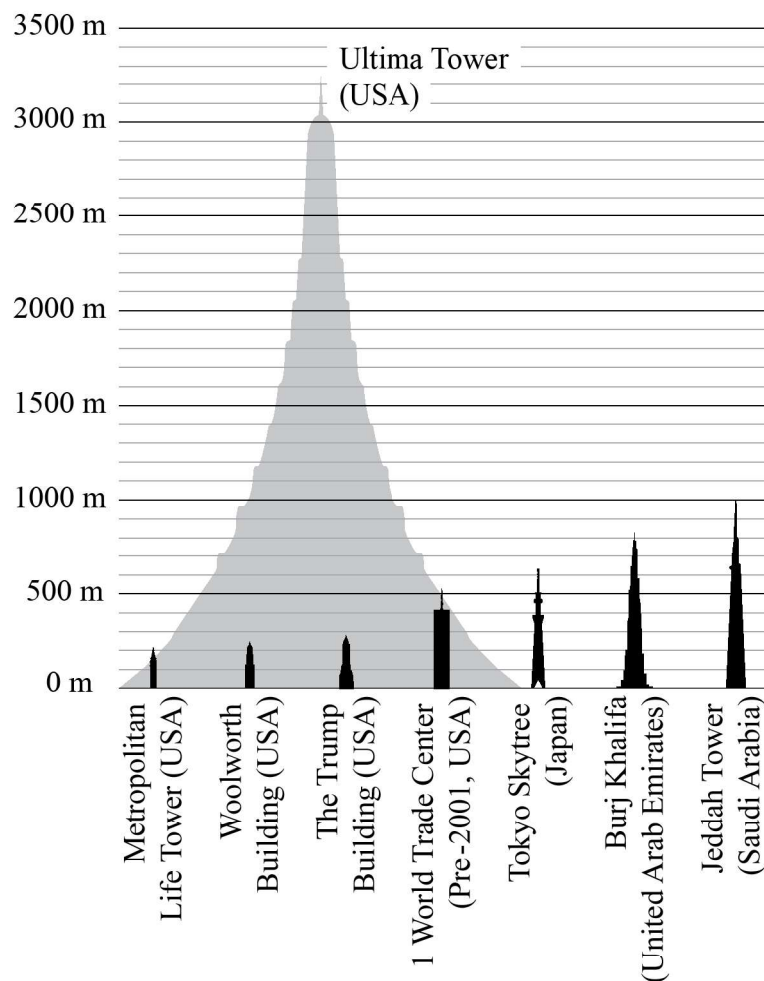
Stimulus 1

This table is a non-exhaustive list of buildings that were regarded as the world's highest building at the time of completion.

Year completed	Building name, Country	Pinnacle height (m)
1909	Metropolitan Life Tower, USA	213
1913	Woolworth Building, USA	241
1930	The Trump Building, USA	282
1972	1 World Trade Center, USA	530
2003	Tokyo Skytree, Japan	634
2010	Burj Khalifa, United Arab Emirates	830
2020	Jeddah Tower, Saudi Arabia	1000

Stimulus 2

This chart shows a non-exhaustive list of buildings that were regarded as the world's highest building at the time of completion and one planned building that is yet to be built.



Stimulus 3

This table shows the life expectancy at birth for people born in Australia during certain years.

Birth year	Life expectancy of newborns (years)
1970	71.2
1975	72.7
1980	74.6
1985	75.7
1990	77.0
1995	78.3
2000	79.7
2005	81.1
2010	82.0
2015	82.6

References

Stimulus 2

Vargic, M 2015, 'Tallest buildings ever proposed', *Halcyon Maps*, www.halcyonmaps.com/tallest-planned-buildings.

Stimulus 3

Australian Bureau of Statistics 2020, *Life Tables*, www.abs.gov.au/statistics/people/population/life-tables/latest-release. Used under a Creative Commons Attribution 4.0 International licence (CC BY).