

# TIME SERIES GRAPHS - SOLUTIONS



## TASK A

Description	Time Series Graph	Frequency Polygon
The annual average temperature in the UK from 2000 to 2012.	✓	
The number of sweets in 1000 bags produced on a manufacturer's production line.		✓
The quarterly sales profits for a retailer for the year 2012.	✓	
The heights of children in a particular school.		✓
The daily food consumption of a family over a week.	✓	

## TASK B

1. 60.2 live births per 1,000 women

2. 2009

3.  $60.2 - 56.8 = 3.4$  live births per 1,000 women

4.  $65.4 - 55.9 = 9.5$  live births per 1,000 women

5.  $\frac{54.7 + 56.8 + 58.2}{3} = 56.6$  live births per 1,000 women

6.  $\frac{58.3 + 60.2 + 62.0 + 63.8}{4} = 61.1$  live births per 1,000 women