

# Numerical reasoning test example questions

Utopia online: Website traffic analysis

Minutes spent browsing Utopia website

**% of 15,000 visitors to site**



Utopia Online site traffic statistics

| Year            | Number of visitors | Average number of pages visited |
|-----------------|--------------------|---------------------------------|
| Year 1 (launch) | 50,248             | 1.25                            |
| Year 2          | 72,811             | 1.25                            |
| Year 3          | 97,309             | 1.5                             |
| Year 4          | 127,726            | 1.75                            |
| Year 5          | 153,436            | 2                               |
| Year 6          | 182,374            | 2.25                            |
| Year 7          | 210,478            | 2.5                             |

1. What was the average number of visitors per month in the first 3 years after launch?

- ☐ 4,187
- ☐ 6,121
- ☐ 18,364
- ☐ 55,092
- ☐ 73,456

2. How many of the site visitors spent 3 minutes or less browsing? (Note give your answer as a number of visitors, not a percentage.)

- ☐ 6,450
- ☐ 8,000
- ☐ 8,550
- ☐ 10,950
- ☐ 2,400

3. Based on the information given, what would you forecast the average number of pages visited to be in year 10?

- ☐ 2.50
- ☐ 2.75
- ☐ 3.00
- ☐ 3.25
- ☐ 3.50

4. What percentage of visitors spent between 4 and 13 minutes browsing the site?

- ☐ 9%
- ☐ 13%
- ☐ 16%
- ☐ 26%
- ☐ 38%

5. If the total number of visitors is 210,478, estimate how many browsed the site for less than 10 minutes. (Note give your answer as a number of readers, not a percentage.)

- ☐ 12,900
- ☐ 29,497
- ☐ 181,011
- ☐ 199,954
- ☐ 210,478