

# Free Numerical Reasoning Test

## (Questions only)

*JobTestPrep invites you to a free practice session that represents only some of the materials offered in our online practice packs. Have a glimpse into the web's leading online psychometric preparation institute.*

## What does this test contain?

The intention of this test is to provide a glimpse into the nature of a very popular numerical test format that is based on graph and table interpretation. In these tests, as well as in our practice packs, the number of data sets can vary to include one to three graphs and/or tables for each question, and up to 4 questions per each data set.

Our [numerical reasoning practice packs](#) cover each and every test that is currently used by employers and assessment companies.

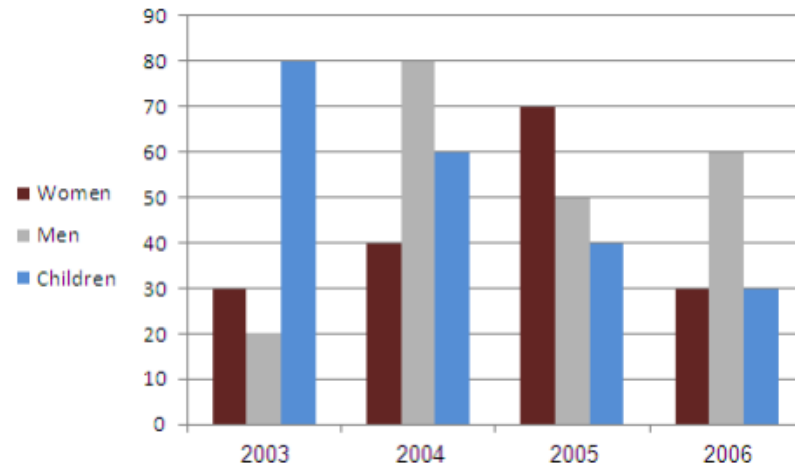
This is a short sequence of 15 sample numerical reasoning questions. The difficulty level of questions increases as the test progresses.

- **Make sure you have a pencil and some paper for calculations.**
- **The use of a calculator is allowed.**
- **Full explanations of these numerical questions [here](#)**

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## Numerical Reasoning Question 1

Daily Average Number of Swimmers - Aldeburgh Beach (High Season)



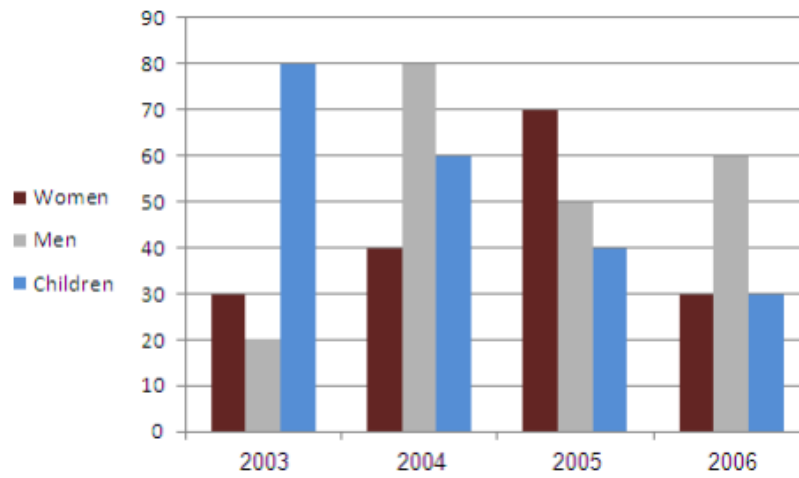
In which year was the average number of daily swimmers the highest?

- A. 2003
- B. 2004
- C. 2005
- D. 2006
- E. Cannot say

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## Numerical Reasoning Question 2

Daily Average Number of Swimmers - Aldeburgh Beach (High Season)



Assuming the children group is 50% boys and 50% girls, how many more males swam at Aldeburgh beach in 2006 than in 2005?

- A. 35
- B. 45
- C. 10
- D. 5
- E. The same number

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*Numerical Reasoning Question 3*

**Nutritional Values, Product X**

Serving size 1/2 cup (114g). Servings per container: 4		
Calories	90	
Calories from fat	30	
		% Daily Value
<b>Total Fat</b>	3g	5
Saturated fat	0g	0
Cholesterol	0mg	0
<b>Sodium</b>	300mg	13
<b>Total Carbohydrate</b>	13g	4
Dietary fiber	3g	12
Sugars	3g	
<b>Protein</b>	3g	
<b>Vitamin C</b>		60%
<b>Iron</b>		4%

*\*% Daily values are based on a 2000 calorie diet*

How many calories originated in fat will be consumed when eating 1.5 cups of product X?

- A. 120
- B. 135
- C. 45
- D. 90
- E. Cannot say

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Numerical Reasoning Question 4

**Nutritional Values, Product X**

Serving size 1/2 cup (114g). Servings per container: 4		
Calories	90	
Calories from fat	30	
		% Daily Value
<b>Total Fat</b>	3g	5
Saturated fat	0g	0
Cholesterol	0mg	0
<b>Sodium</b>	300mg	13
<b>Total Carbohydrate</b>	13g	4
Dietary fiber	3g	12
Sugars	3g	
<b>Protein</b>	3g	
<b>Vitamin C</b>		60%
<b>Iron</b>		4%

*\*% Daily values are based on a 2000 calorie diet*

How many grams of dietary fibre should a person who follows a 2000 calorie diet consume if he already ate an entire container of product x today?

- A. 22
- B. 13
- C. 19
- D. 8
- E. Cannot say

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## Numerical Reasoning Question 5

Introduction to Economics Exam Statistics (% of students who passed)



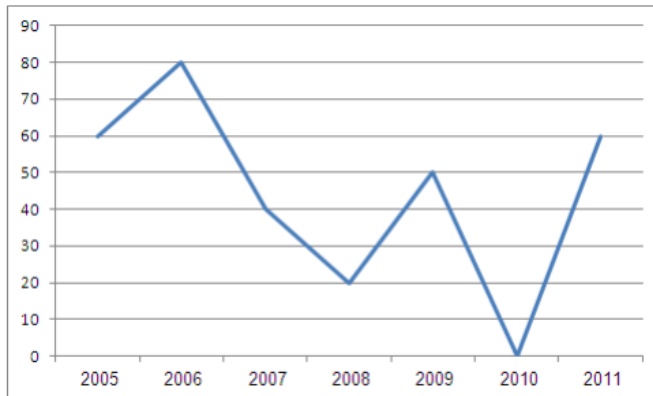
In which of the following years did over 2/3 of the students who took the exam not pass it?

- A. 2005
- B. 2006
- C. 2008
- D. 2009
- E. Cannot say

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## Numerical Reasoning Question 6

Introduction to Economics Exam Statistics (% of students who passed)



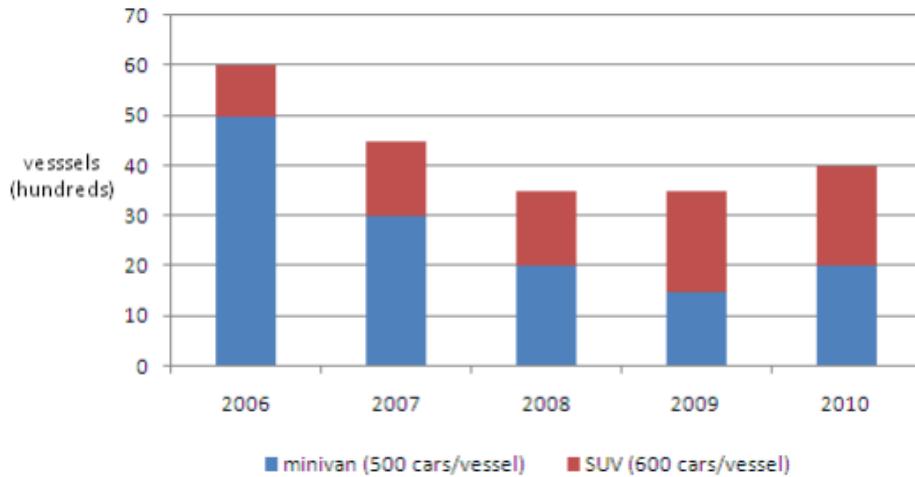
It is known that a quarter of the students who passed the exam in 2007, passed it at the first trial. Assuming each exam has two trials, what percent of all the students who took the exam that year passed it in the second trial?

- A. 10
- B. 15
- C. 30
- D. 75
- E. Cannot say

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*Numerical Reasoning Question 7*

**European Large Family Car Sales (Delivered by Sea Vessels)**



Sea delivery per car (either SUV or minivan) costs \$25. What were the sea delivery costs for large family cars in 2008?

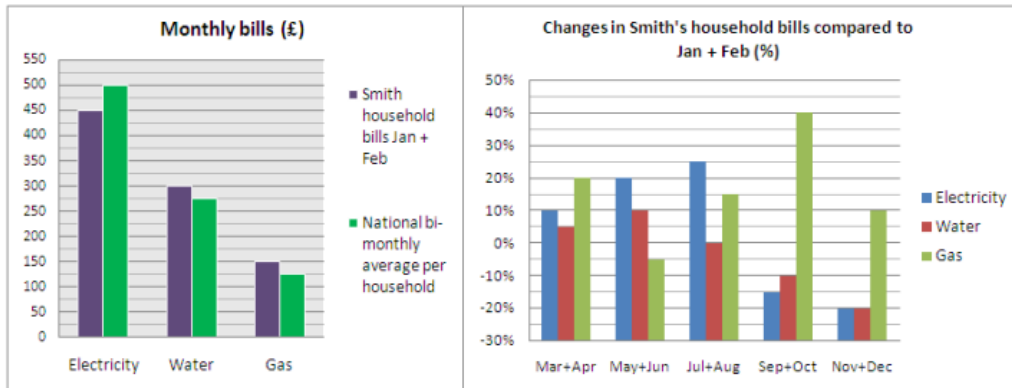
- A. 19 million
- B. 42.5 million
- C. 45.5 million
- D. 47.5 million
- E. Cannot say

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Numerical Reasoning Question 8

**The Smiths are investigating irregularities in their household bills:**



How many bi-monthly electricity bills of Smith household are higher than the national average?

- A. 0
- B. 1
- C. 2
- D. 3
- E. 4

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## Numerical Reasoning Question 9

Natural Resources Market Annum Statistics

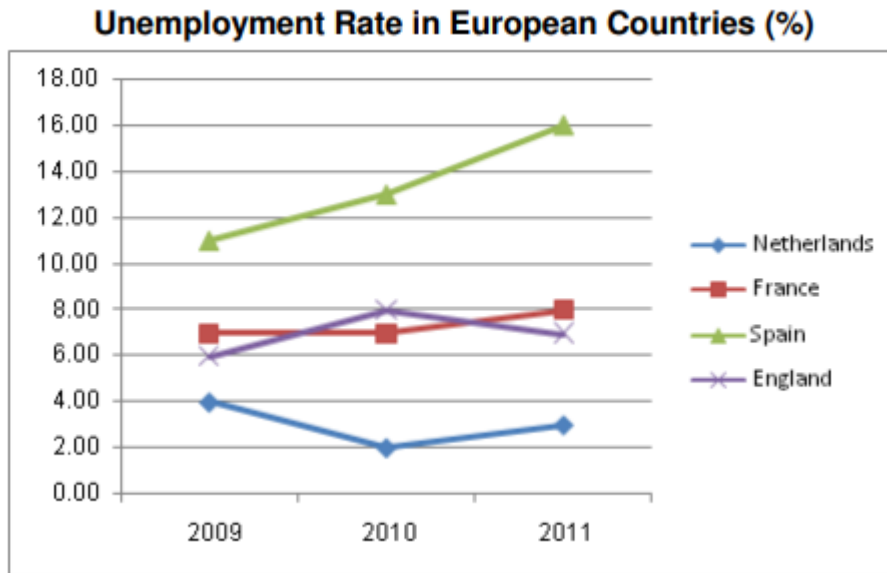
Products	No. of employees (thousands)	Value of extracted produce (millions)	Market value (millions)	
			Asia	U.S.A
oil	2,572	\$7,568	\$487	\$1,574
copper	1,235	\$3,587	\$831	\$928
coal	957	\$3,456	\$728	\$1,375
uranium	1,542	\$6,875	\$427	\$3,208
silver	1,012	\$3,500	\$700	\$1,789

On average, how much market value in Asia would a Uranium employee create per week (52 weeks a year)?

- A. \$5.3
- B. \$5.5
- C. \$5.7
- D. \$5.9
- E. Cannot say

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**Numerical Reasoning Question 10**



In 2009, there were 667,284 unemployed in Netherlands, whose population was 27.53% of the UK for that year. With a fixed annual population increase of 0.639%, approximately how many unemployed are in the UK in 2011?

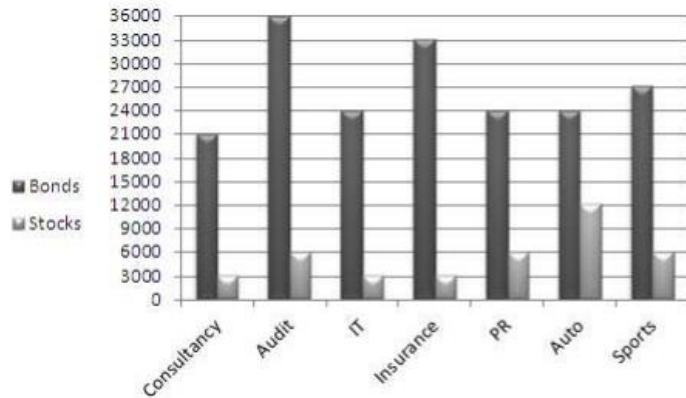
- A. 6,987,322
- B. 4,801,138
- C. 8,511,287
- D. 6,895,245
- E. 4,296,108

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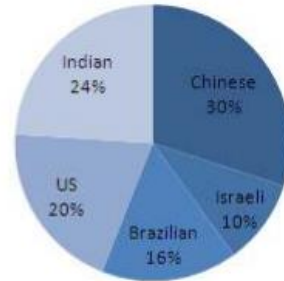
*Numerical Reasoning Question 11*

**T.M. Funds - 2011**

**Distribution of Securities (000s)**



**Origin of Insurance Securities**



If the number of Chinese Insurance stocks represented 3.5% of all Insurance securities, approximately how many Insurance bonds were Chinese?

- A. 9,200,000
- B. 9,500,000
- C. 10,800,000
- D. 910,000
- E. 1,080,000

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Numerical Reasoning Question 12

**Currency Exchange Rates**

	<b>Brazilian Real</b>	<b>Canadian Dollar</b>	<b>Euro</b>	<b>British Pound</b>	<b>Japanese Yen</b>	<b>Swiss Franc</b>	<b>U.S. Dollar</b>
USD(\$)	2.28	1.14	0.83	0.56	118.5	1.29	-----
Euro(€)	2.74	1.37	-----	0.6	142.4	1.55	1.20
Yen(¥)	0.019	0.009	0.007	0.005	-----	0.011	0.008

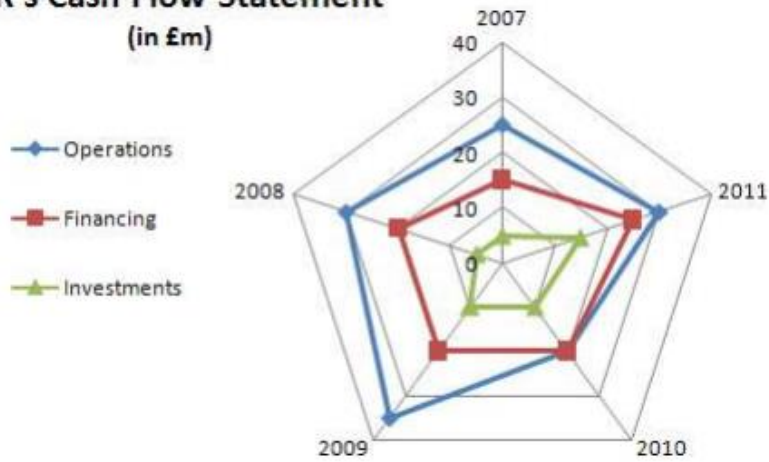
12. A rumour about an upcoming recession in Japan has reduced the value of the Yen 7% compared with the Euro. How many Euros can you now buy for 500 Yen?

- A. 3.5
- B. 3.26
- C. 3.15
- D. 3.76
- E. None of the above

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## Numerical Reasoning Question 13

**SPR's Cash Flow Statement**  
(in £m)



\*Cash Flow from investments = Proceeds from sales + Dividends earned.

If the value of the company's cash flow from operations decreased by 2.7% in 2012, and 63% of their total cash flow was from operations, what would be the total balance of the company, in millions?

- A. 30.89
- B. 41.37
- C. 45.2
- D. 47
- E. 46.33

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**Numerical Reasoning Question 14**

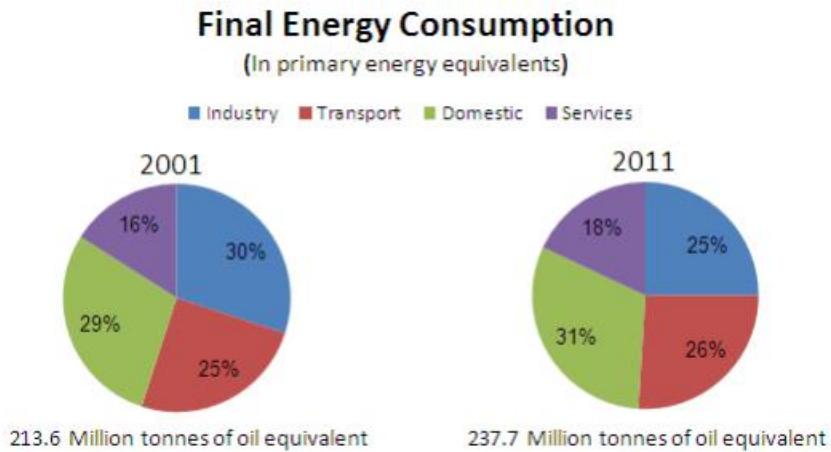
Product	Total Cost per Unit (in £)			Sale Price per Unit
	Manufacture	Service (monthly)	Other	
Bared 120	236	37	95	792
Bared 260	268	37	96	797
Bared 450	320	38	130	987
Calir XC	408	56	240	1734
Calir XR	432	57	256	2326

When the sale prices of Calir's product line were decreased by 25%, £65,277 in revenues were generated in less than 2 weeks. If the sales ratio of XC to XR units was 3:4 respectively, what is the difference in the number of units sold between the two product types?

- A. 5
- B. 18
- C. 6
- D. 22
- E. Cannot say

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*Numerical Reasoning Question 15*



**\*Figures taken from the UK national archives.**

Approximately, what is the percentage growth in final energy consumption for the domestic sector in million tonnes of oil equivalent?

- A. 2
- B. 2.08
- C. 20.88
- D. 23.81
- E. 18.96

Hundreds of practice questions, solving strategies and study guides are available in [our Numerical Reasoning practice pack](#).

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