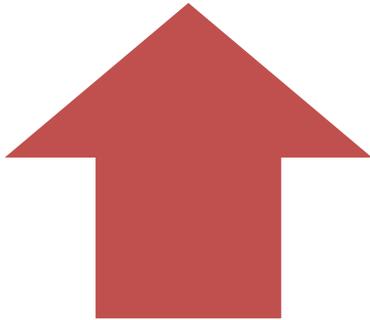Sample Questions 2014

The UKGMAT is used by many employers to take an objective view of an employee's (or a prospective employee's) aptitude for reasoning with numbers.

There are no trick questions, and every UKGMAT user is thoroughly trained to interpret the results fairly.
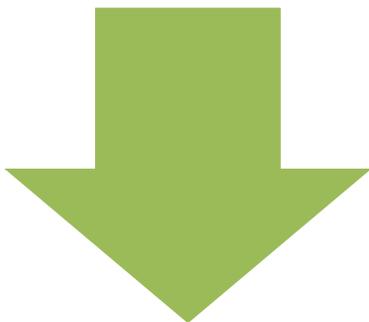*This brochure includes some practice questions so that you will know what to expect when you are completing the UKGMAT.*

NOTE THAT YOU MAY NOT BE COMPLETING BOTH TESTS –

YOUR TEST ADMINISTRATOR WILL LET YOU KNOW

Verbal Critical Reasoning (For Numerical see page 6)

At the top of each page or screen, there will be a piece of text. It won't be founded in Education or Healthcare deliberately - so it is easier to 'put aside' pre-existing knowledge.

Underneath that, there will be a series of questions based on that text. Each question is multiple-choice. There are 40 questions in all.

Your task is to decide whether the statements are 'True' or 'False', based ONLY on the information given in the text. This simulates making a decision based on the content of a report you might commission. In addition, you need to decide whether a statement might be 'Probably True', or 'Probably False', (that the text clearly implies truth or otherwise, but does not actually state it) or whether the text does not have enough information for you to decide – it makes no statement nor implication. This helps show your aptitude for coping with ambiguity and implication in written reports.

Example Questions (Verbal)

> **A large financial organisation in the UK recently redesigned its administrative office section, equipping it with a central 'hub' from which other desks and areas radiated - similar to the spokes on a wheel. The original design assumed that teams in the organisation had between ten and fifteen members. In fact, the organisation discovered (as a result of this) that working teams, whose members are 'multifunctional' - supporting and covering each other - are much smaller, with about three or four members.**
>
> **The new design and the furniture that had been purchased was actually stopping team members working together. The organisation thought this information would be useful for the redesign of other clerical areas.**

Remember to apply the following rules to the passage to enable you to determine your answer:-

a. Base your answer solely off the content of the passage. Do not consider any knowledge you may have of the topic being discussed.
b. You should mark the box 'Untrue' if the statement is clearly untrue, or the opposite is clearly true, given the information in the passage.
c. You should mark the box 'Probably Untrue' if the statement clearly implies that the statement is untrue, or that the opposite is true, but it does not explicitly state so.
d. You should mark the box 'Cannot Say' if, you cannot say, from the information in the passage, whether the statement is true or false, and there is no clear implication of whether it is true or false made.
e. You should mark the box 'Probably True' if the statement clearly implies that the statement is true, or that the opposite is untrue, but it does not explicitly state so.
f. You should mark the box 'True' if the statement is clearly true, or the opposite is clearly untrue, given the information in the passage

Example Questions

1. The redesign covered clerical staff and engineers 'in the field'.

2. The organisation will not use exactly the same redesign when it reorganises other clerical areas.

3. The organisation was until recently unaware of the true size of its work teams.

4. The organisation is more profitable than others in its industry sector

Answers to Example Questions (Verbal)

1. The redesign covered clerical staff and engineers 'in the field'.

   FALSE – it redesigned its administrative office section.

2. The organisation will not use exactly the same redesign when it reorganises other clerical areas.

   PROBABLY TRUE – The organisation thought the information it had learned would be useful for the redesign of other clerical areas. This implies that it will use the information to amend the design, but does not explicitly say that it will.

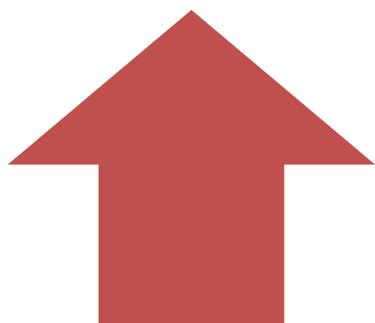3. The organisation was until recently unaware of the true size of its work teams.

   TRUE – this was something discovered in the redesign, which we are told was recent.

4. The organisation is more profitable than others in its industry sector

   CANNOT SAY – the passage gives us no information on profitability in this industry.

Example Questions (Numerical)

Numerical Critical Reasoning (For Verbal see page 3)

At the top of each page or screen, there will be a chart or a table containing some data, and an explanation of what that data represents

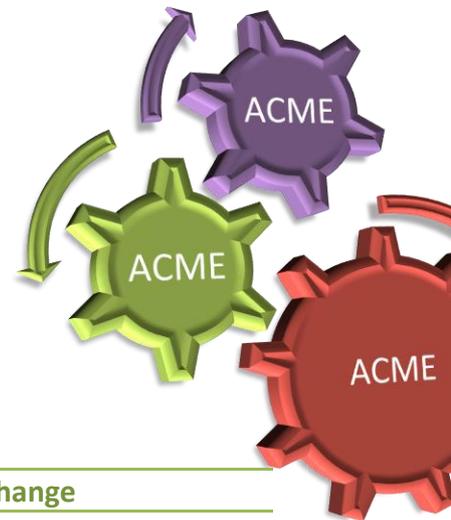Underneath that, there will be a series of questions based on that chart or table. Each question is multiple-choice. There are 32 questions in all.

You can use a calculator to complete the Numerical UKGMAT, and you should have some scrap paper and a pen (or pencil) in case you want to jot down any notes or calculations.

The Numerical UKGMAT is timed. Once you begin, there are 30 minutes in which to complete the test.

Example Questions

Staff Numbers and Management Numbers in ACME Corporation, 2007

Depot	New staff	Staff Leaving	Change
	Technician Grades		
London	110	103	+7
New York	223	214	+9
Paris	197	120	+77
Seattle	134	121	+13
Trieste	202	210	-8
	Management Grades		
London	24	20	+4
New York	43	53	-10
Paris	3	11	-8
Seattle	9	4	+5
Trieste	53	52	+1
Total	**998**	**908**	**90**

The table above shows the number of staff who started working for ACME Corporation in 2007, and those who left ACME Corporation in the same year. Each depot employs Technicians and Managers only.

(1) How many more people (in total) worked in the London Depot at the end of 2007 than worked there at the end of 2006?

a)   20   b)   11   c)   7   d)   4

(2) Which depot had the least change in total staff numbers (technicians and managers) in 2007?

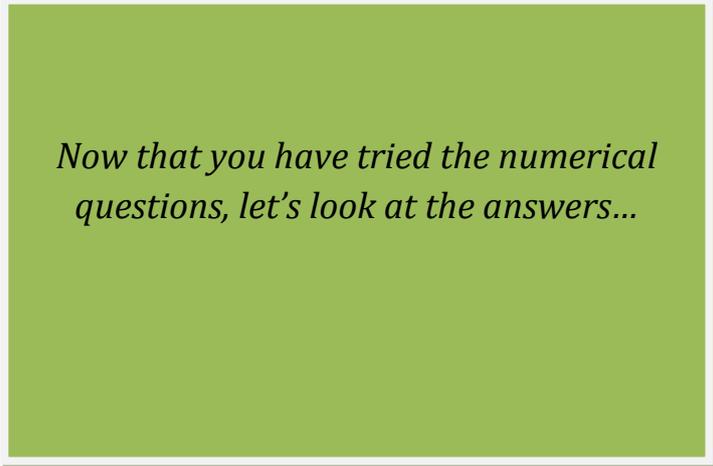a)   London   b)   New York   c)   Seattle   d)   Trieste

(3) There were 1000 staff employed by ACME Corporation at the end of 2006. What was the percentage increase in total staff numbers in ACME Corporation by the end of 2007, compared to the end of 2006?

a)   109%   b)   90%   c)   9%   d)   900%

(4) If the company expected the number of staff leaving Trieste Depot to increase by 10% each year, approximately how many staff did it expect to leave in 2011?

a)   307   b)   294   c)   409   d)   495

(4) If there were 800 staff in total, in the Paris depot at the start of the year 2007, how many staff (in total) were employed in the Paris depot at the end of the year?

a)   877   b)   792   c)   869   d)   914

Now that you have tried the numerical questions, let's look at the answers…

Answers to Example Questions

(1) How many more people (in total) worked in the London Depot at the end of 2007 than worked there at the end of 2006?

a)   20   b)   11   c)   7   d)   4

The answer to this is   b)   11

There were 7 more technicians and 4 more managers. 7+4 = 11.

(2) Which depot had the least change in total staff numbers (technicians and managers) in 2007?

a)   London   b)   New York   c)   Seattle   d)   Trieste

The answer to this is   b)   New York

There were 11 more staff in London; 1 fewer in New York; 69 more in Paris; 18 more in Seattle; and 7 fewer in Trieste. The smallest change was therefore in New York.

(3) There were 1000 staff employed by ACME Corporation at the end of 2006. What was the percentage increase in total staff numbers in ACME Corporation by the end of 2007, compared to the end of 2006?

a)   109%   b)   90%   c)   9%   d)   900%

The answer to this is   c) 9%

There were 1000 staff at the end of 2006. The staff numbers increased by 90 during 2007. 90/1000 is 9%.

(5) If the company expected the number of staff leaving Trieste Depot to increase by 10% each year, approximately how many staff did it expect to leave in 2011?

a)   307   b)   294   c)   409   d)   495

The answer to this is   a)   307

During 2007   210 left
During 2008   231 will leave (210 + 21 which is 10% of 210)
During 2009   254 will leave (231 + 23 which is approximately 10% of 231)
During 2010   279 will leave (254 + 25 which is approximately 10% of 254)
During 2010   307 will leave (279 + 28 which is approximately 10% of 279)

(5) If there were 800 staff in total, in the Paris depot at the start of the year 2007, how many staff (in total) were employed in the Paris depot at the end of the year?

a)   877   b)   792   c)   869   d)   914

The answer to this is   c)   869

There were 800 at the start of the year. 77 technicians joined and 8 managers left (in total), making the total staff   800+77-8 = 869

To complete UKGMAT on screen you will need:

A live internet connection

Javascript not to be disabled in your browser (Javascript is used to post results to websites. If you haven't deliberately disabled it, you should be fine)

A PC, or MAC, or tablet (iPad, Android etc) running Internet Explorer, Firefox, Opera, Chrome, Safari, Android Browser etc.