

# Capp Numerical Free Test

Questions Booklet

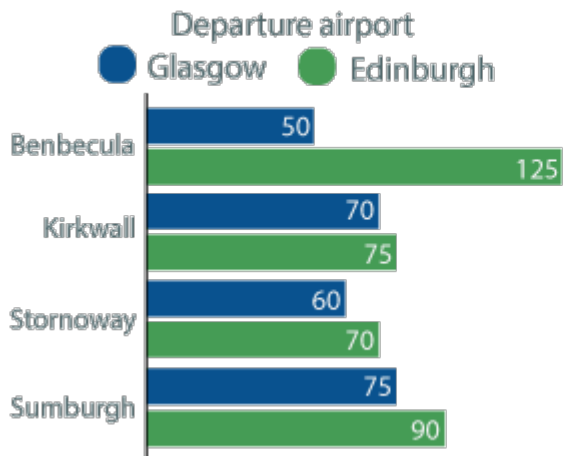
## Instructions

This numerical reasoning test comprises **8 questions**, and you will have to correctly answer as many as you can. Calculators are permitted for this test, and it is recommended you have some rough paper to work on.

You will have to work quickly and accurately to perform well in this test. The test does not have an overall time limit. Instead, the time it takes you to complete the test will be recorded.

Try to find a time and place where you will not be interrupted during the test. The test will begin on the next page.

### Flight times to destination airports



### More destinations from Glasgow

Destination	Flight time	Fare
Barra	75	£50
Campbeltown	45	£40
Islay	45	£35
Manchester	70	£30
Tiree	60	£60

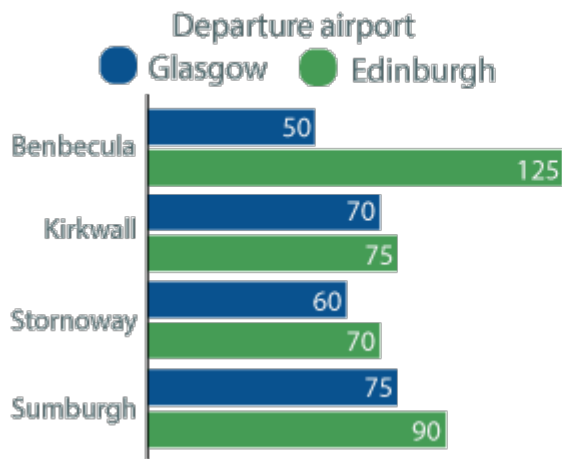
### More destinations from Edinburgh

Destination	Flight time	Fare
Fair Isle	75	£45
Isle of Man	65	£80
John O Groats	65	£90
Norwich	80	£50

**Q1** Rank the time taken for each journey from MOST to LEAST. (45 minutes are required for each connection at Glasgow and 1hr at Edinburgh).

Fair Isle to the Isle of Man  
 Islay to Kirkwall  
 Stornoway to Manchester  
 Edinburgh to Benbecula  
 Norwich to Sumburgh

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### More destinations from Glasgow

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**Q2** A party of 4 adults who shall fly Edinburgh to Isle of Man and back have decided to take up a promotional offer of 80% off their return flights and invited 1 friend along with them. How much of the cost of their airfare has been saved by taking up the offer despite paying for an extra person expressed as a percentage of the original fare?

- A) 16.67%
- B) 20%
- C) 22.5%
- D) 25%
- E) 33.33%

## Average Property Prices

Company	Profits (2016)	Number of Employees	Average Employee Salary (£/year)
Ramco	£519,103	823	£26,400
Steel Inc.	£4,103,305	1,302	£32,304
Pimcorp	£523,595	282	£35,610
Marbleco	£179,223	667	£28,400
Servico	£872,408	801	£21,734
Translink	£42,648	98	£24,565

**Q3** Given that every employee receives a 5% bonus at the end of the year, what was the total amount spent on wages by Servico in 2016?

- A) £10,835,137
- B) £12,946,248
- C) £14,057,159
- D) £16,168,270
- E) £18,279,831

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**Q4** What was Ramco, Pimcorp, Marbleco and Servico's combined profits as a percentage of Steel Inc's profits?  
Round to the nearest percent. Enter your answer without a % sign.

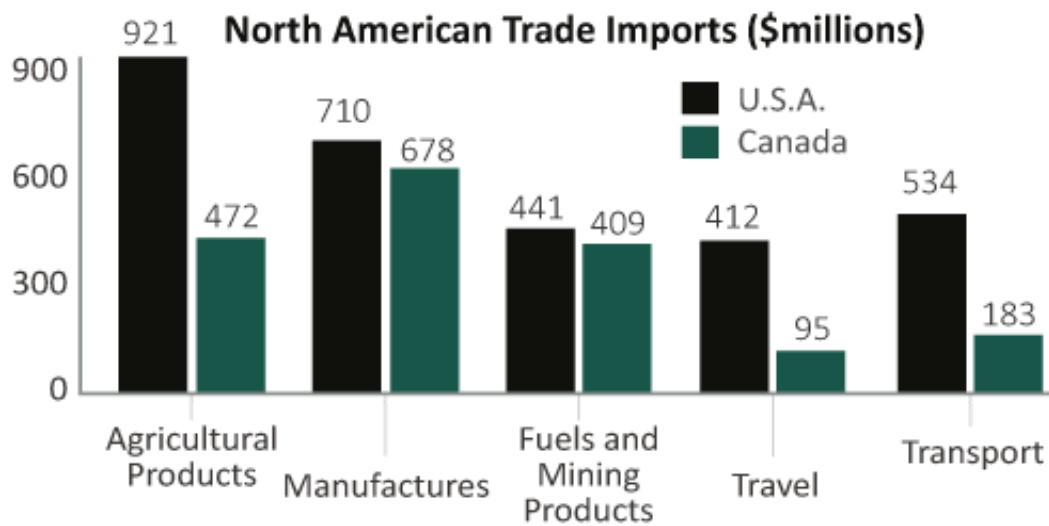
Please write your answer below. This is not a multiple-choice question.

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**Q5** Rank the first three companies in the table from HIGHEST to LOWEST based upon their profit per employee.

- 1<sup>st</sup>)
- 2<sup>nd</sup>)
- 3<sup>rd</sup>)

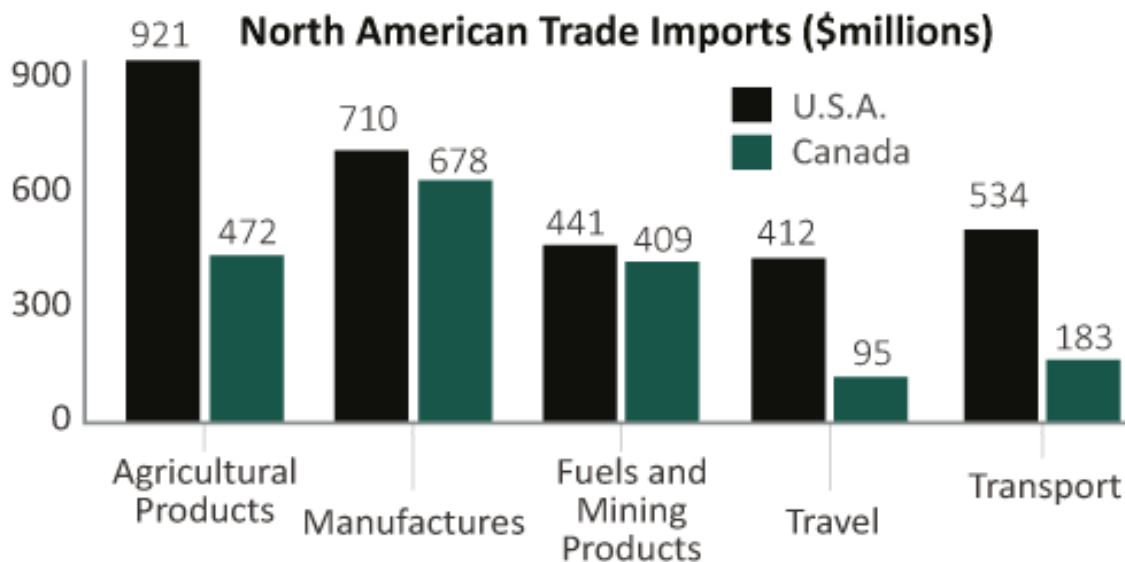


**Total Import Value (\$millions)**

	2013	2014	2015	2016	2017
U.S.A.	113,530	117,423	124,361	133,264	137,253
Canada	87,315	91,253	94,521	97,154	101,536
Total	200,845	208,676	218,882	230,418	238,789

**Q6** What was the percentage increase in the US and Canada's total imports from 2013 to 2017?  
Round to the nearest percent. Enter your answer without a % sign.

Please write your answer below. This is not a multiple-choice question.



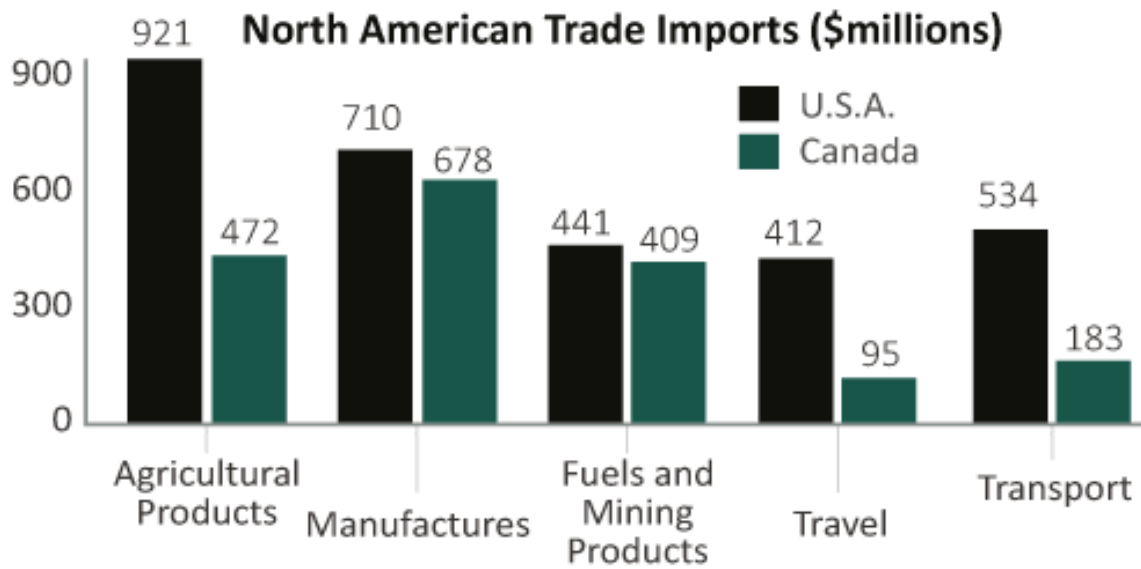
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**Q7** What was the average difference between the US and Canada's imports across all 5 industries shown in the graph?

- A) \$202.9m
- B) \$213.0m
- C) \$225.1m
- D) \$236.2m
- E) \$247.3m





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**Q8** Calculate the total import value (US and Canada) of fuels and mining products as a percentage of the total import value of manufactures.

- A) 61.24%
- B) 62.34%
- C) 63.45%
- D) 64.56%
- E) 65.67%

**-- End of Test --**