13 July 2018 group task in discrete math:

Edited at 9am 13.7.2018.

Petersen graph:

1. Does Petersen graph satisfy the condition e < 2v – 4?

Is this graph planar?

Why?

Which important graph does Petersen graph similar to?

https://en.wikipedia.org/wiki/Petersen\_graph

https://en.wikipedia.org/wiki/Planar\_graph

In individual task do it for your student number.

Trade graphing:

2. Graph Indonesian international trade.

Weights are the percentages.

Optimize the trade.

USA 13

China 12

Japan 11

European Union 10

Singapore 9

India 8

Korea 7

Middle East 6

Malaysia 5

Thailand 4

Philippines 3

Australia 2

Russia 1

https://atlas.media.mit.edu/en/profile/country/idn/

Bad relations are between:

USA and China,

USA and Russia,

USA and Middle East,

Malaysia and Russia,

Australia and Russia.

For individual task take e + 6 countries.

For group task take all countries.