

Earth Science 11
Unit 3 – Minerals and Rocks
Day 6.5 – QAP Practise

Name: _____

Date: _____

Block: _____

Plot on a ternary diagram a rock that contains the following

a) Quartz (Transparent): 35%

Alkali Feldspar (Pink): 30%

Plagioclase (White): 35%

b) Quartz (Transparent): 25%

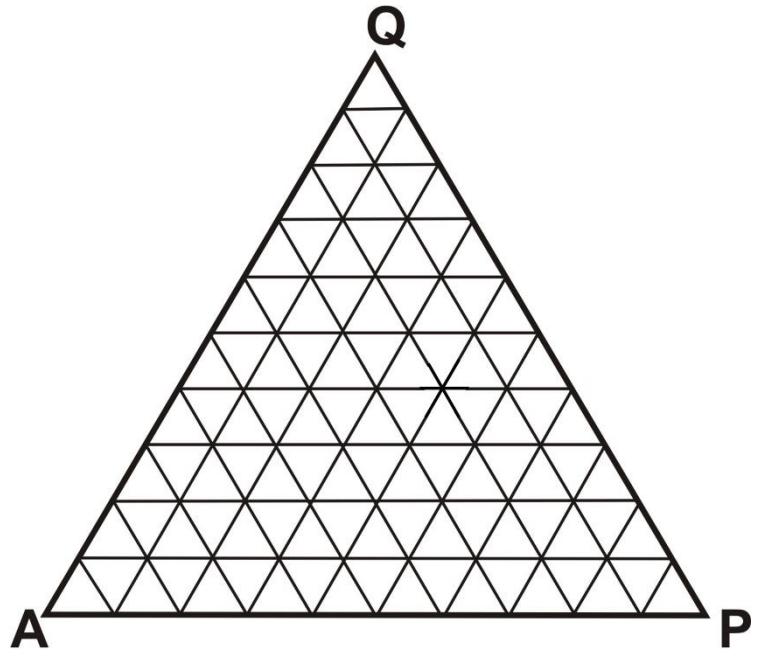
Alkali Feldspar (Pink): 25%

Plagioclase (White): 50%

c) Quartz (Transparent): 5%

Alkali Feldspar (Pink): 80%

Plagioclase (White): 15%



Plot on a ternary diagram a rock that contains the following

a) Quartz (Transparent): 53%

Alkali Feldspar (Pink): 18%

Plagioclase (White): 29%

b) Quartz (Transparent): 21%

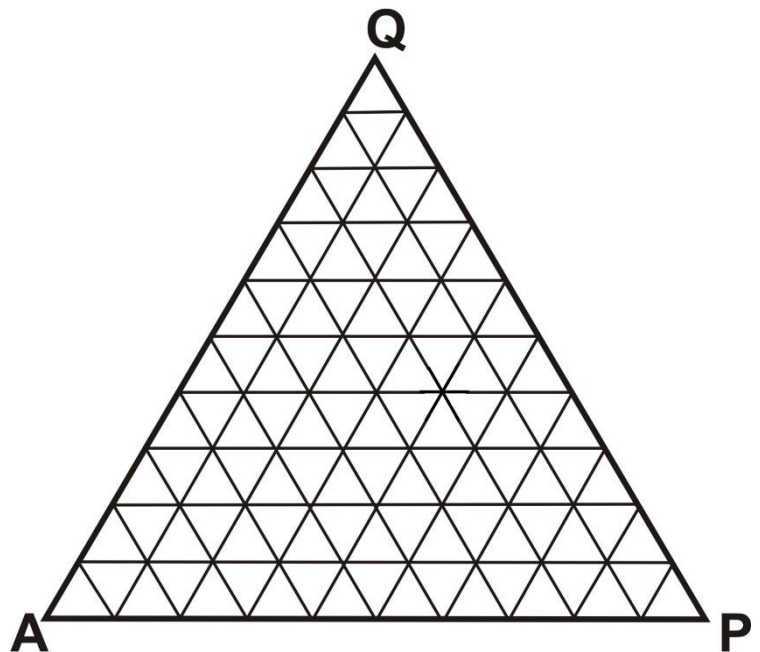
Alkali Feldspar (Pink): 33%

Plagioclase (White): 46%

c) Quartz (Transparent): 3%

Alkali Feldspar (Pink): 74%

Plagioclase (White): 23%



Plot on a ternary diagram a rock that contains the following

a) Quartz (Transparent): 30%

Alkali Feldspar (Pink): 30%

Plagioclase (White): 30%

Biotite (black): 5%

Hornblende (black): 5%

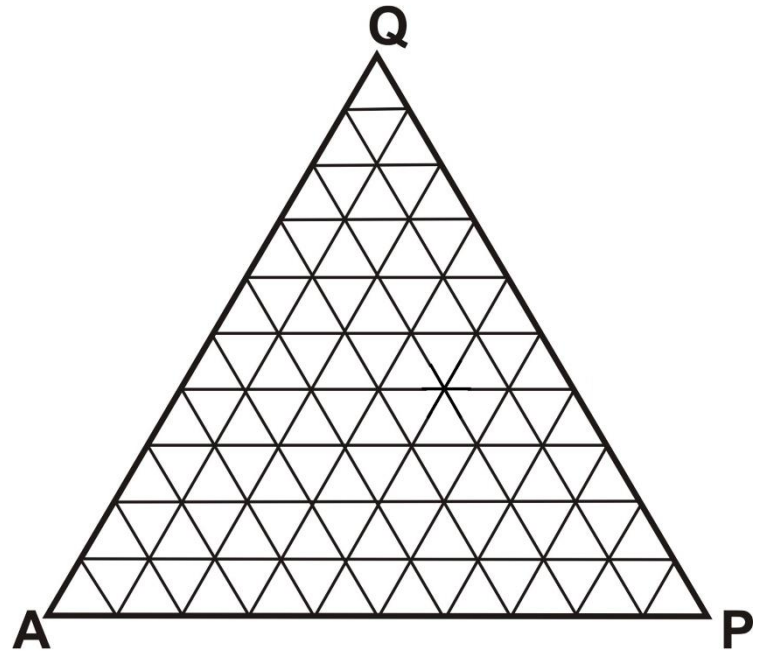
b) Quartz (Transparent): 15%

Alkali Feldspar (Pink): 25%

Plagioclase (White): 40%

Biotite (black): 15%

Hornblende (black): 5%



c) Quartz (Transparent): 14%

Alkali Feldspar (Pink): 17%

Plagioclase (White): 44%

Biotite (black): 8%

Hornblende (black): 17%