

MINERAL BOX SET #3

1. sodalite
2. jasper
3. rose quartz
4. muscovite
5. lepidolite
6. dolomite
7. tourmaline and muscovite
8. calcite
9. native copper
10. agate
11. amazonite
12. apatite
13. gypsum – satin spar
14. amethyst
15. milky quartz
16. hornblende
17. crystal quartz
18. magnetite
19. malachite
20. gypsum – alabaster
21. augite
22. garnet – almandine
23. galena
24. sphalerite

Some questions to consider:

Which of these is also a pegmatite?

Which are forms of quartz?

Which are forms of chalcedony?

Which of these contain copper?

Which one is zinc ore? Which is lead ore?

Which are carbonate minerals?

Which are on Moh's Hardness scale?

Which two are chain silicate minerals?

Which two have the same chemical formula?

Which of these minerals is magnetic?

Which minerals are isometric in structure?

"If you do the activities the results will follow."
~ Brian Buffini

"Give, ask, then receive."
~ Brian Buffini



1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

22

23

17

18

19

20

21

24

ROCK BOX SET #3

1. coquina
2. conglomerate
3. andesite porphyry
4. pegmatite
5. granite gneiss
6. olivine basalt
7. schist
8. fossiliferous limestone
9. marble
10. pumice
11. slate
12. gabbro
13. mica schist
14. sandstone
15. granite
16. diorite
17. anthracite coal

Some questions to consider:

Which are sedimentary, igneous, and metamorphic

Which rock is metamorphosed shale?

Which rock is metamorphosed limestone?

What is the large mineral in #7 ?

Which rocks are clastic sedimentary rocks?

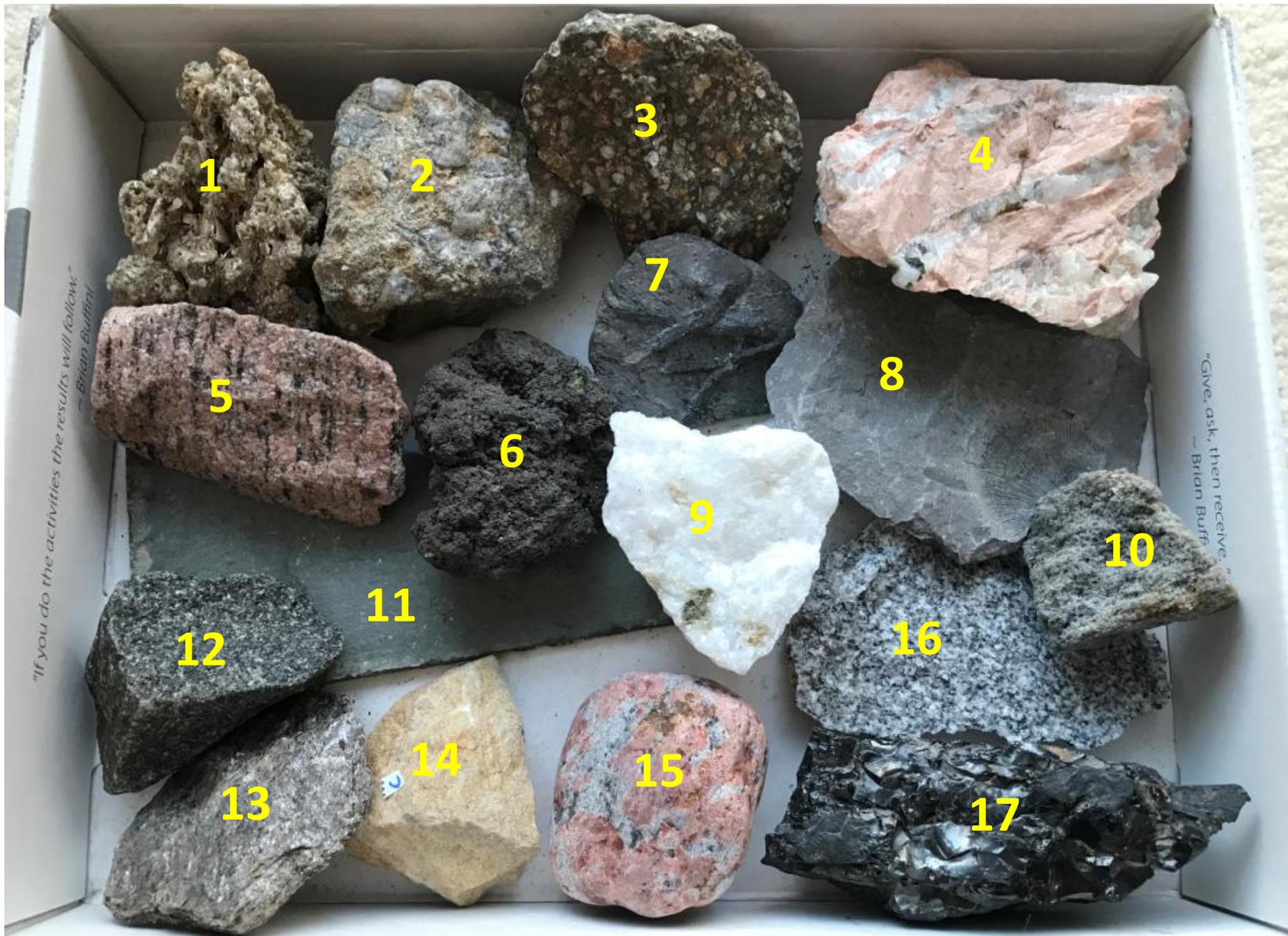
Which rock might have come from Hawaii ?

Which 4 rocks are intrusive igneous rocks?

Which 3 rocks are extrusive igneous rocks?

Can you explain the texture in rock #3?

What is the primary mineral on #13?



1

2

3

4

5

6

7

8

9

10

12

11

16

13

14

15

17

"If you do the activities the results will follow"
— Brian Buffini

"Give, ask, then receive"
— Brian Buffini