

Sorting Rocks

Grade 1 • SCIENCE • Students sort and compare rocks using observable properties such as size, color, and texture. • Standards: 2-PS1-1

Look at each group of rocks. Answer the questions about their size, color, and texture.

1. Rock A is big. Rock B is small. Which rock is big?
2. Rock C is smooth. Rock D is rough. Which rock is smooth?
3. Rock E is gray. Rock F is brown. Which rock is gray?
4. Rock G is white and small. Rock H is white and big. Both rocks are the same color. What color are they?
5. Rock J is small and smooth. Rock K is big and smooth. Which word describes both rocks?
6. Rock L is black and rough. Rock M is red and smooth. Rock N is black and smooth. Which two rocks are the same color?
7. Rock P is big, gray, and rough. Rock Q is small, gray, and smooth. How many properties are different?
8. Rock R is small, smooth, and tan. Rock S is small, rough, and gray. Rock T is big, smooth, and tan. Which rock is most like Rock R?
9. You have four rocks. Two are big and two are small. Two are dark and two are light. If Rock V is big and dark, what could Rock W be if it shares no properties with Rock V?
10. Rock X is small, white, and rough. Rock Y is big, black, and smooth. Rock Z is small, black, and rough. Which two rocks share exactly two properties?

Answer Key — Sorting Rocks

For the teacher / parent. Do not distribute with the worksheet.

1. Rock A
2. Rock C
3. Rock E
4. white
5. smooth
6. Rock L and Rock N
7. 2 (*Size and texture are different; color is the same*)
8. Rock T (*Rock T matches Rock R in two properties (smooth and tan), while Rock S only matches in one property (small).)*)
9. small and light
10. Rock X and Rock Z (*Rock X and Rock Z are both small and rough*)