

Nova's Rock and Fossil Quiz

Learning objective: To identify and describe the properties of rocks and how fossils are formed.

Read each question carefully. Use the word bank to help you. Fill in the blanks or circle the correct answer.

Answer Key: 1. A, 2. B, 3. True, 4. Sedimentary, 5. False, 6. Igneous, 7. Hard, 8. True, 9. Metamorphic, 10. Fossil.

Word bank: Igneous · Sedimentary · Metamorphic · Fossil · Hard · Soft · Permeable

1. 1. Which type of rock is made from layers of sand and mud? A) Sedimentary* B) Igneous
C) Metamorphic D) Plastic (1 mark)
2. 2. What do we call the remains of an animal or plant found in rock? A) A stone B) A fossil*
C) A pebble D) A shell (1 mark)
3. 3. True or False: Some rocks allow water to soak through them. (1 mark)
4. 4. Which type of rock is formed from cooled magma or lava? (Igneous / Sedimentary) (1 mark)
5. 5. True or False: All rocks are exactly the same color and texture. (1 mark)
6. 6. Which rock type is changed by high heat and pressure? (Metamorphic / Igneous) (1 mark)
7. 7. Is granite a hard or soft rock? Answer: _____ (1 mark)
8. 8. True or False: Fossils are usually found in sedimentary rocks. (1 mark)
9. 9. Chalk is a type of soft _____ rock. (Sedimentary / Igneous) (1 mark)
10. 10. Which rock is formed from volcanic activity? (Igneous / Metamorphic) (1 mark)

Draw: Draw a picture of a rock with a fossil hidden inside it. Label the fossil.



Extension challenge: Nova wants to know: Can you find one rock outside today? Describe its color and texture using two words from the word bank.