

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

### Metamorphic Rocks

Fill in the blank to complete each statement using the word bank below.

Sandstone      marble      arrangement      slate      pressure

1. The metamorphic rock \_\_\_\_\_ usually forms when limestone is subjected to heat and pressure deep beneath the surface.
2. Because the foliated metamorphic rock \_\_\_\_\_ splits easily into flat pieces, it is used for roofing material.
3. Any rock formed when another rock is changed by heat or \_\_\_\_\_ is a metamorphic rock.
4. Geologists classify metamorphic rocks according to the \_\_\_\_\_ of the grains making up the rocks.
5. Quartzite forms when the quartz particles in \_\_\_\_\_ recrystallize.

Fill out the chart below to identify the metamorphic rock that forms when heat and pressure transform each type of sedimentary rock.

Sedimentary Rock	(changes into)	Metamorphic Rock
Sandstone		
Shale		
Limestone		