

Buildings Then Now

Trace ancient building ideas into modern life.

3.6.e "identifying and explaining the architecture and its influence in the world today."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline two architecture features from the passage, and circle each sentence that tells how an old building idea affects people today.

Ancient Ideas, Modern Places

- ① Long ago, builders in ancient Rome designed places for busy city life. They used arches, curved openings that spread the weight of heavy stone. Arches let Romans build strong bridges over rivers and tall openings in buildings. They also used concrete, a mixture that hardened into a tough building material. These ideas helped them create large public buildings, roads, and water channels.
- ② One Roman water channel was called an aqueduct. Aqueducts carried fresh water from springs or rivers to towns. Some were raised on rows of arches so water could travel across valleys. Cities today use pipes, pumps, and raised structures to move clean water to homes and schools. Modern water systems solve the same problem Romans faced: bringing water to many people.
- ③ Romans admired architecture from ancient Greece. They used Greek-style columns, tall supports that hold up a roof, on some important buildings. Today, many courthouses, museums, and government buildings use columns at their entrances. Columns can support a building, but they can also make it look formal and important. Architecture from the past still influences how people design useful places today.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 How did a Roman arch help builders make bridges and buildings?

2 What problem did aqueducts solve, and what modern systems solve the same problem?

3 What Greek-style feature did Romans use, and where is it often used today?

4 Why might a courthouse use columns, even if columns are not the only way to support its roof?

3 YOUR TURN _____ Your own words

Invent a building used today, such as a library, train station, or community center. In exactly 3 sentences, name one feature from the passage that your building uses, tell how it helps the building, and explain how this past idea influences people today.

PART 1 • READ AND MARK

Underline two architecture features from the passage, and circle each sentence that tells how an old building idea affects people today. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	How did a Roman arch help builders make bridges and buildings?	An arch spread the weight of heavy stone, so builders could make strong bridges and tall openings.
2	What problem did aqueducts solve, and what modern systems solve the same problem?	Aqueducts brought fresh water to towns. Modern pipes, pumps, and raised structures bring clean water to homes and schools.
3	What Greek-style feature did Romans use, and where is it often used today?	Romans used columns. Columns are often used at the entrances of courthouses, museums, and government buildings today.
4	Why might a courthouse use columns, even if columns are not the only way to support its roof?	Columns can make a building look formal and important.

PART 3 • YOUR TURN (SAMPLE ANSWER)

My community library has a wide arch over its front door. The arch spreads the weight of the wall above the door and makes the entrance strong. This Roman idea helps people today build useful public places.

Accept answers that accurately identify an architectural feature and explain its modern use or influence. For the open task, the response should have exactly three sentences and connect the feature to a present-day building.