

**DO YOU  
KNOW?**



# ENGINEERING IN HISTORY



Level 3

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# New words



build/builder



buildings



cut



engineer



high



kilometre



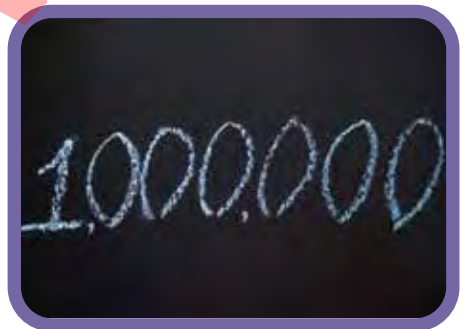
lift  
(verb)



machine



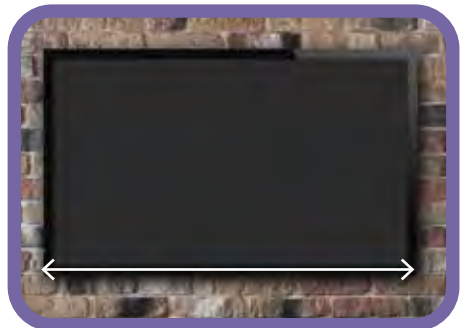
metre



million



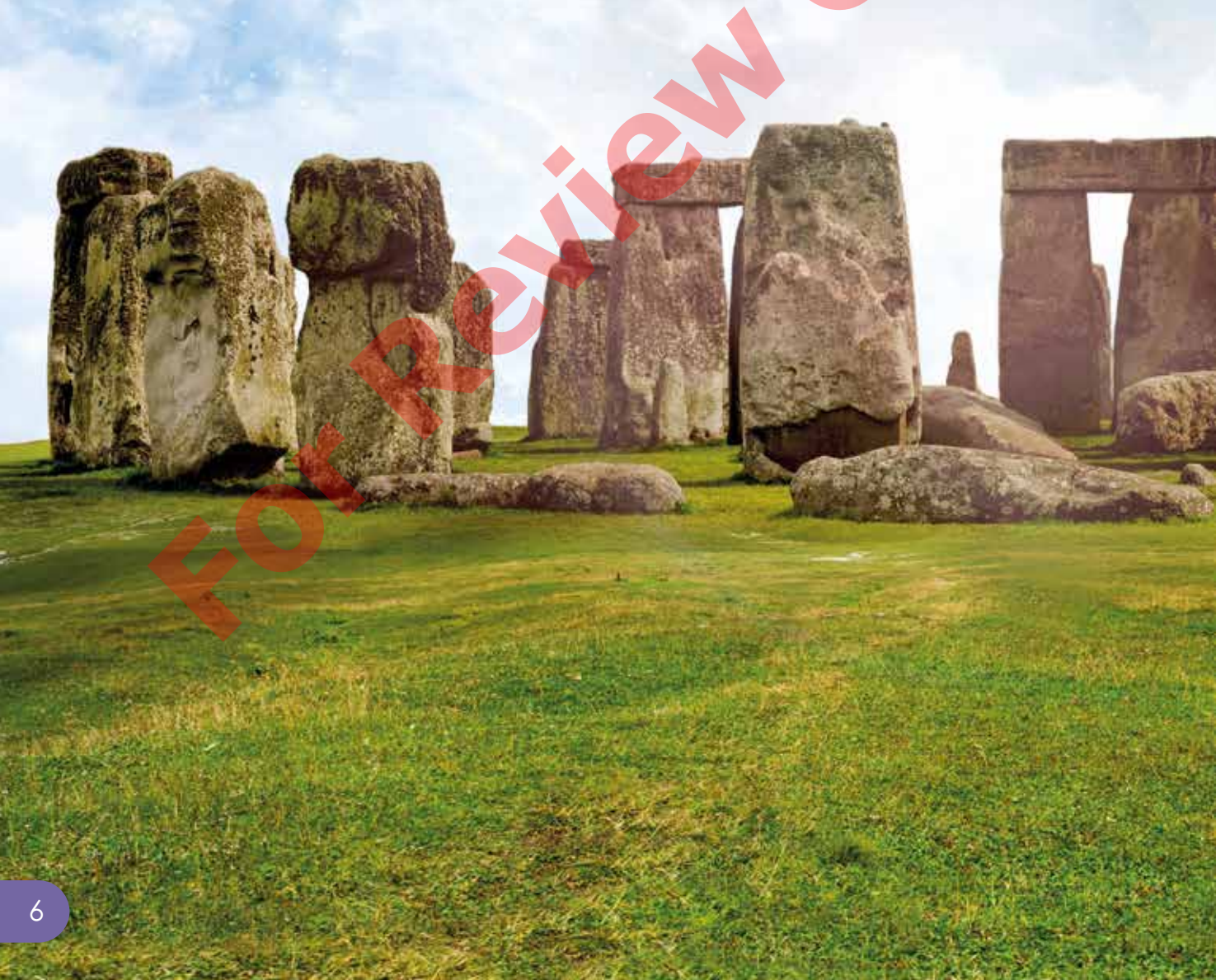
stone



wide

# What is Stonehenge?

Stonehenge is a 5,000 year old circle of **stones** in England. The stones are very large and heavy.





People used wood and rope to move the stones. They carried some of the stones over 250 **kilometres**.



wood

rope

21st June is the longest day of the year in England. On this morning, you can see the sun between the tallest stones in the circle.

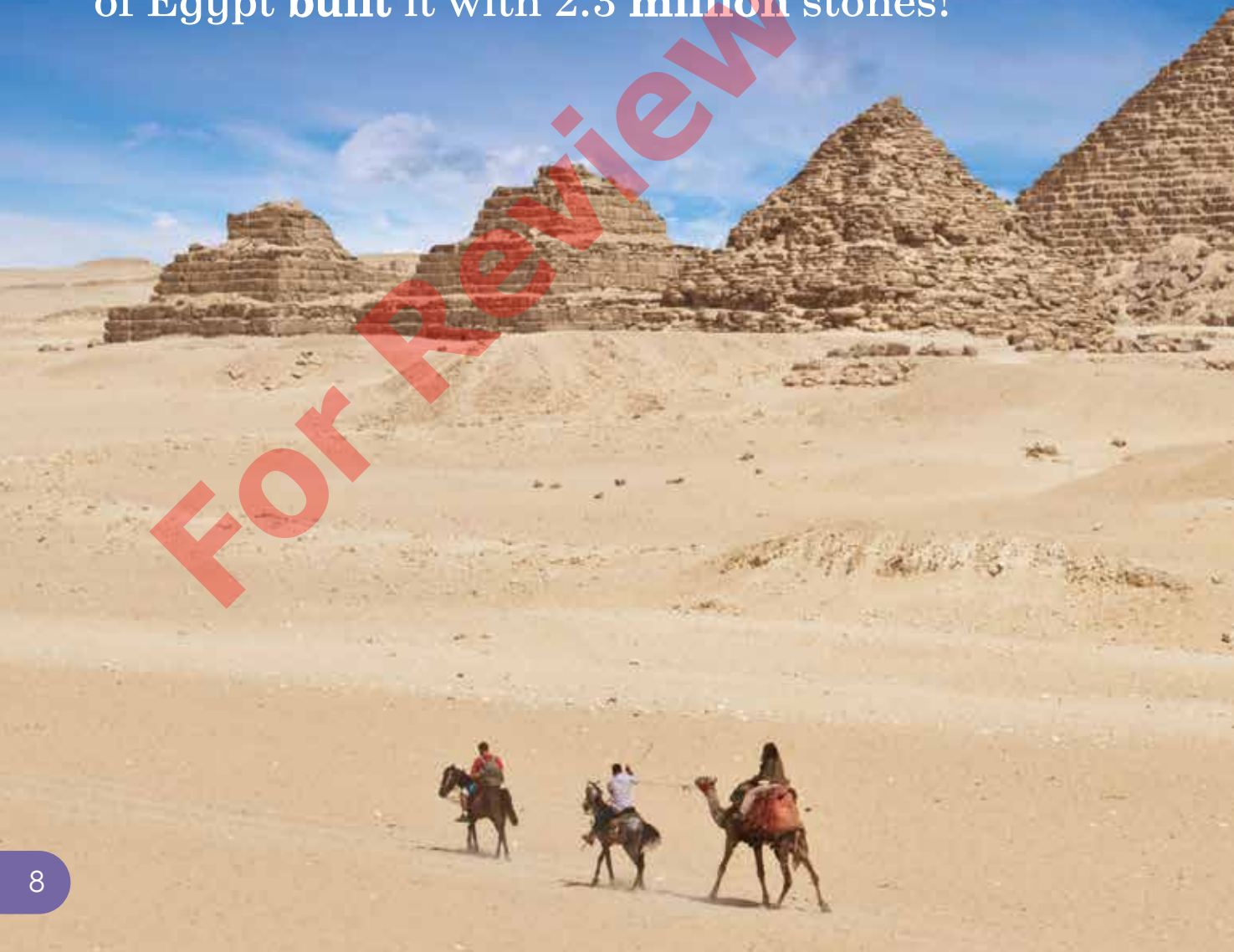


**WATCH!**

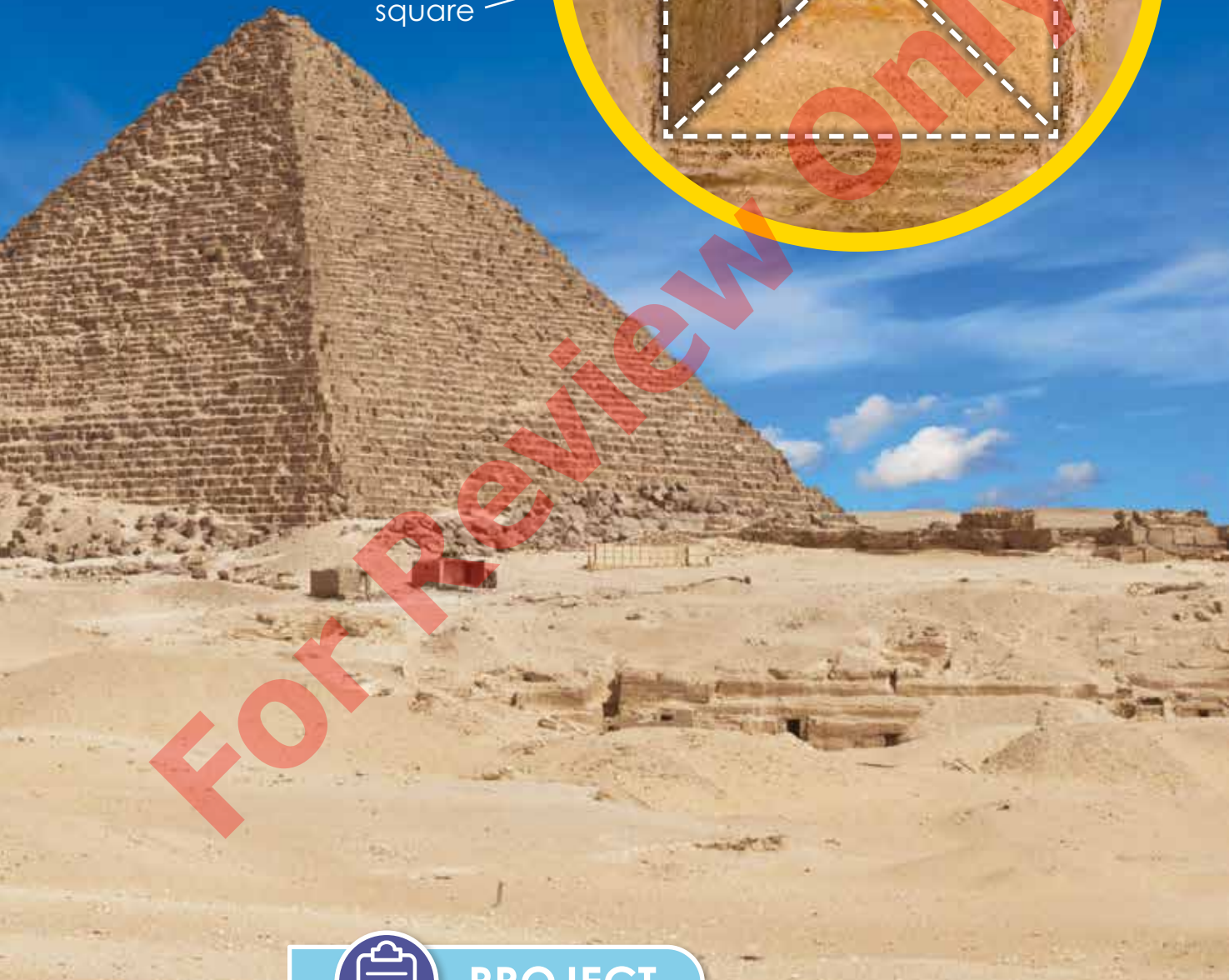
**Watch the video (see page 32).**  
How many stones are in Stonehenge?

# How big is the Great Pyramid?

The Great Pyramid of Giza is 137 **metres high**. For more than 3,000 years, **it was the tallest building** in the world. The **people of Egypt built** it with 2.3 **million** stones!



Pyramids are strong. The walls of a pyramid are triangles. The bottom of the Giza pyramid is a square.



## PROJECT

**Work with a friend.**

Can you make a four-sided pyramid with paper?

# Where can we see pyramids?

Many countries have pyramids. Some pyramids have stairs. This pyramid in Mexico has 91 stairs on every wall and one on the top. That's 365 – the number of days in a year!



Temple of Kukulcán,  
Mexico



There are eight tall pyramids in Guatemala.

Tikal, Guatemala

The biggest pyramid in the world is in Mexico. The bottom of the pyramid is 450 metres **wide**.

Cholula Pyramid, Mexico



There are more than 200 pyramids in Sudan.

Meroë, Sudan



**FIND OUT!**

Use **books or the internet** to find out which country has the most pyramids. Who built them?