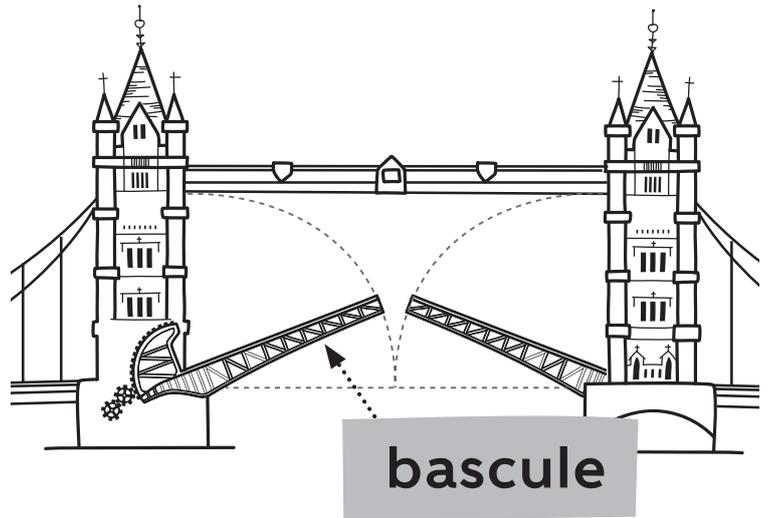


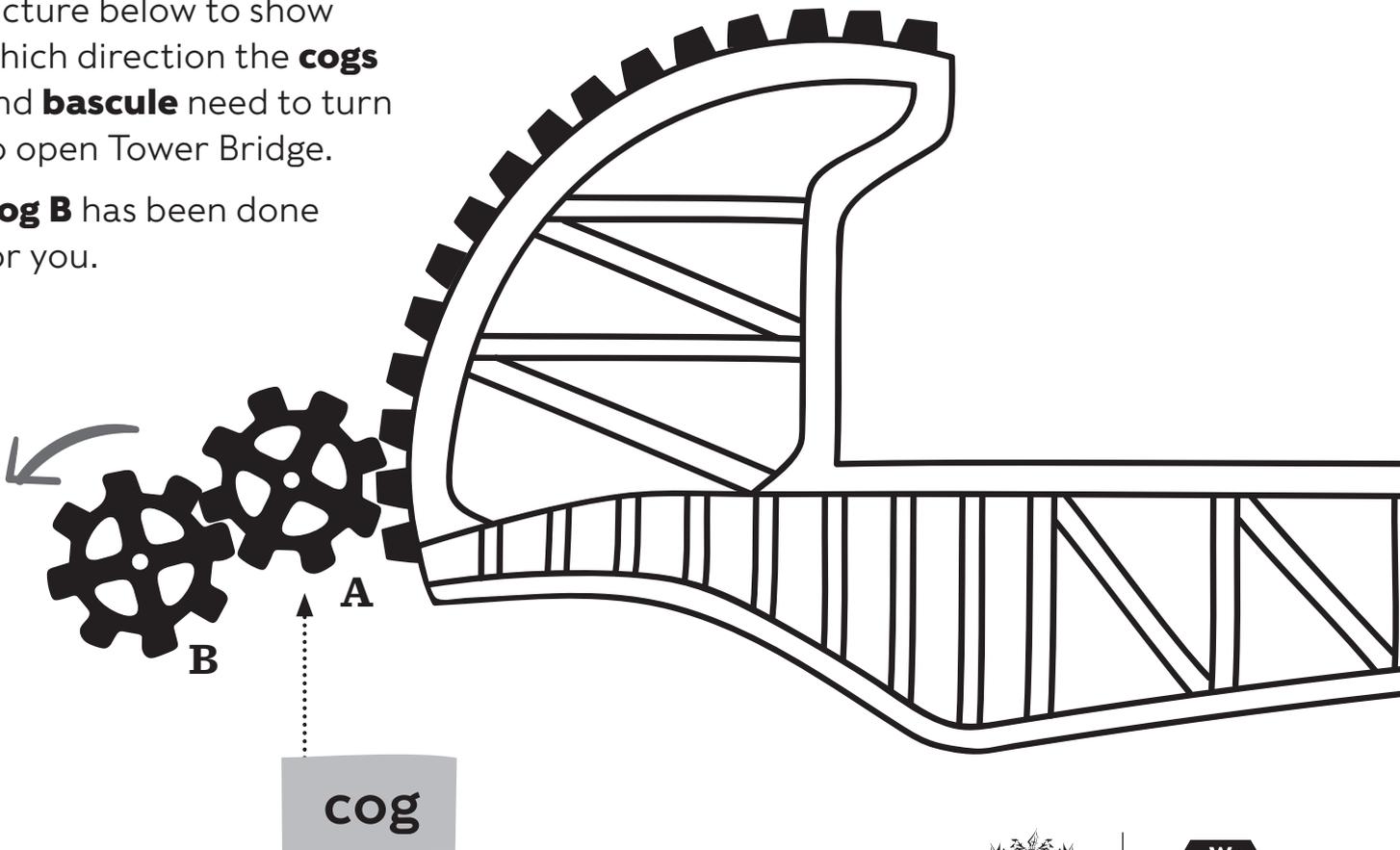
# The Wonderful Cogs of Tower Bridge

Tower Bridge's huge **bascules** (moving roadways) open using the power of **cogs**. Can you work out which direction the **cogs** need to turn to open the bridge?

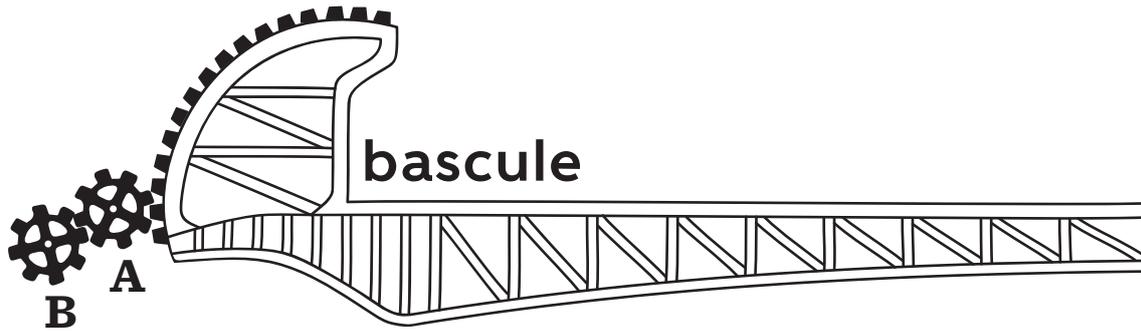


Add arrows to the picture below to show which direction the **cogs** and **bascule** need to turn to open Tower Bridge.

**Cog B** has been done for you.



Name \_\_\_\_\_ Date \_\_\_\_\_



Fill in the gaps below with the correct information

The bascule needs to turn anti-clockwise to open

and \_\_\_\_\_ to close

Cog A needs to turn \_\_\_\_\_ to open

and \_\_\_\_\_ to close

Cog B needs to turn \_\_\_\_\_ to open

and \_\_\_\_\_ to close

Q Which will move faster, the cogs or the bascule?

\_\_\_\_\_

Q Can you think of any other machines which use cogs?

\_\_\_\_\_

\_\_\_\_\_

