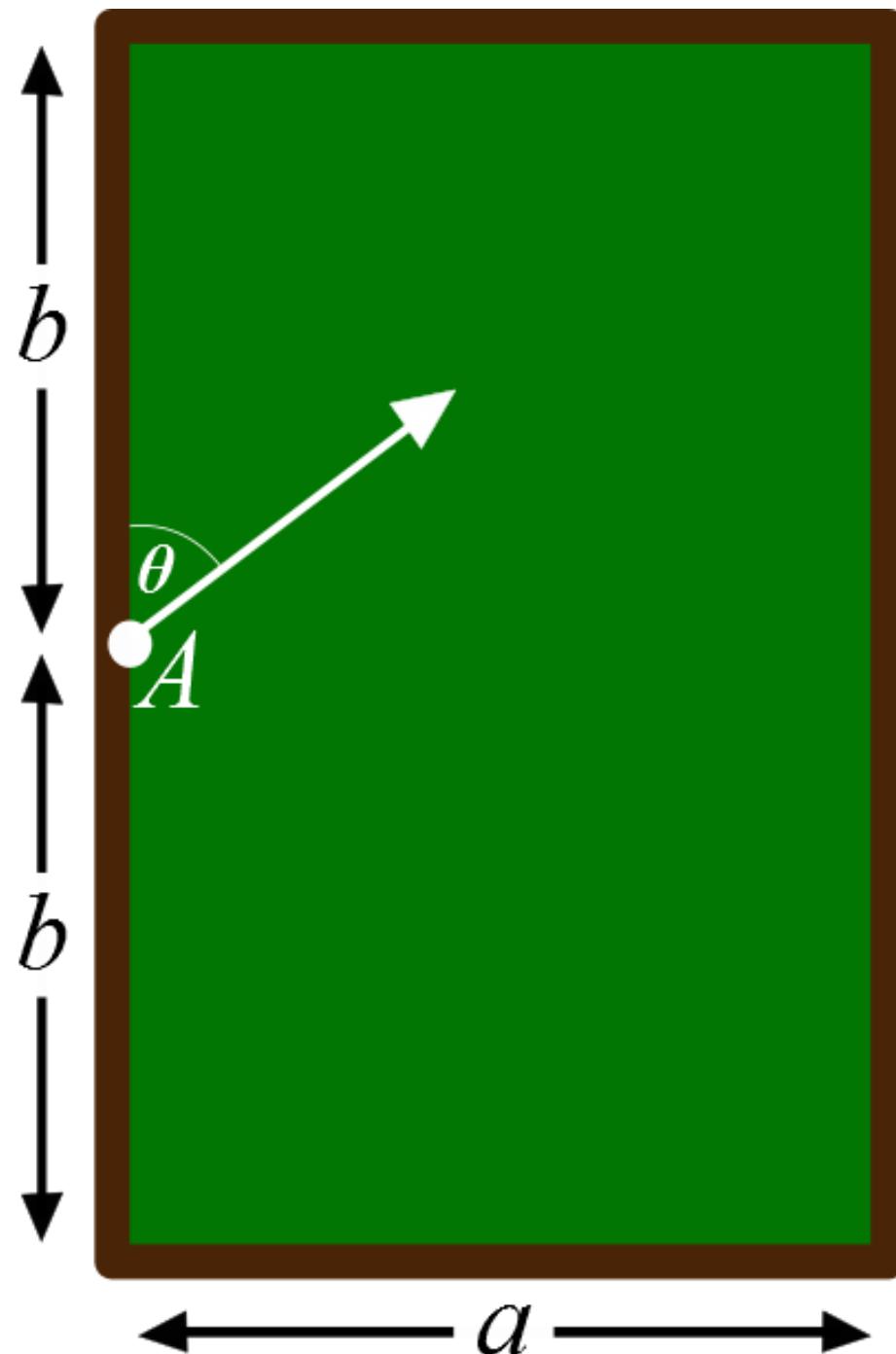


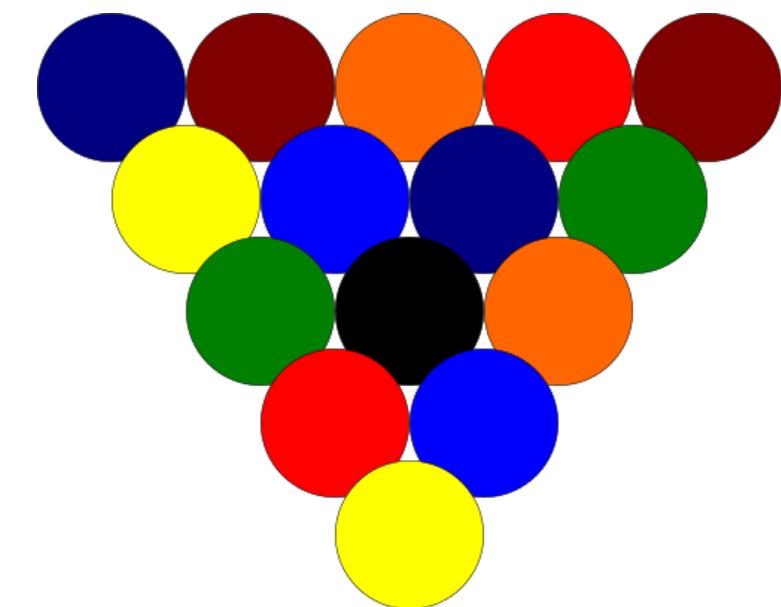


# Pool Shot



**Suppose we have a pool table without pockets and with side lengths  $a$  and  $2b$ . The ball is placed at point  $A$ .**

**Find four different angles for the ball to get back to the same point  $A$ .**



Thousands more problems can be found on the NRICH maths website:

<http://nrich.maths.org>