Levers and Gears homework sheet

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| Levers | |
| What class of lever is an oar on a rowboat? |  |
| What class of lever is a bicycle hand brake? | https://r4u8h2y4.map2.ssl.hwcdn.net/header/parts_brake_levers.jpg |
| What class of lever is a human arm? |  |
| What class of lever is a bottle opener? | http://cdn1-www.craveonline.com/assets/uploads/2015/09/GettyImages-119498291-e1442877173573.jpg |
| What class of lever is a stapler remover? | http://s7d1.scene7.com/is/image/officedepot/427111_scene7?$OD-Dynamic$&wid=450&hei=450 |

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| Gears | |
| Gear A is rotating clockwise. In which direction with Gears B and C rotate? |  |
| Gear A is rotating clockwise. In which directions will the other gears rotate? |  |
| What’s the gear ratio between Gear A and Gear B?  What’s the gear ratio between Gear C and Gear D?  How many times does Gear A have to turn to result in Gear D competing one revolution  If the Driver gear (A) is rotating anti-clockwise which direction is gear D rotating | http://aerodrive.bstc.edu.hk/~yeungkh/dt/guide-gear2004.files/image004.gif |