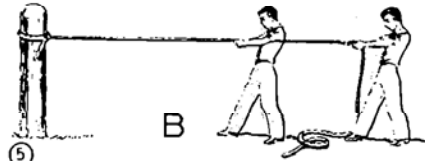
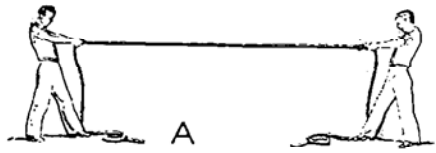
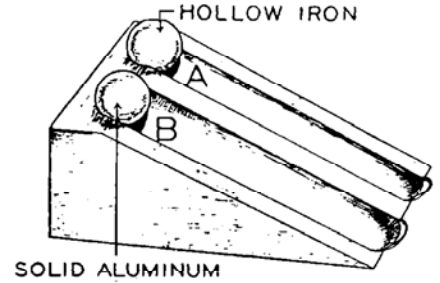


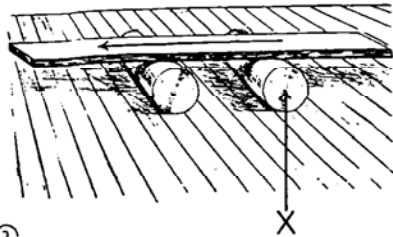
① If the mirrors are the same distance from the man, in which one will his reflection be larger?



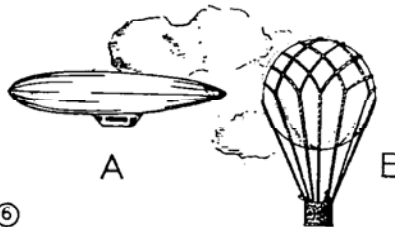
⑤ Which situation puts more strain on the rope? (all men pull equally hard)



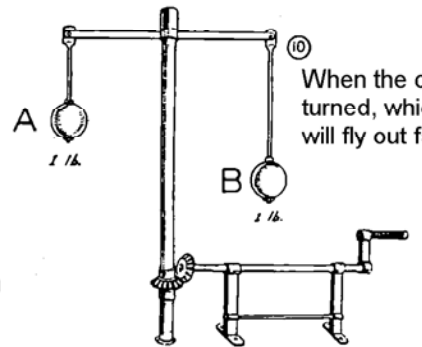
⑨ If these two balls which weigh the same are let go at the same time, which will reach the bottom first?



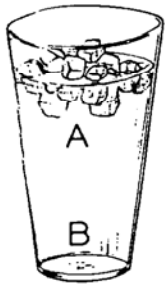
② If the plank moves two feet, how far does the center "X" of one roller move?
A, $\frac{2}{3}$ FEET; B, 1 FOOT; C, 2 FEET



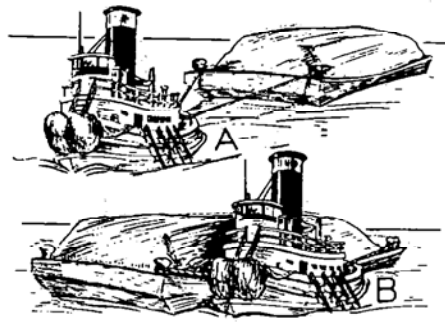
⑥ If the balloons weigh the same and contain the same volume of gas, which one will float higher in the air?



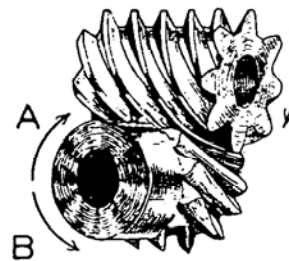
⑩ When the crank is turned, which ball will fly out farther?



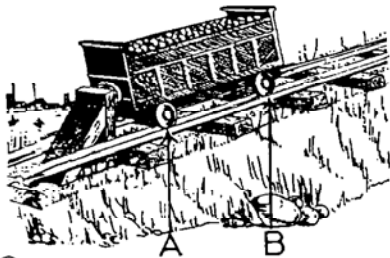
③ At which point is the water colder?



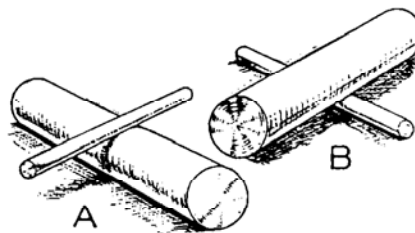
⑦ Which is the better way for the tug to bring the barge to a dock?



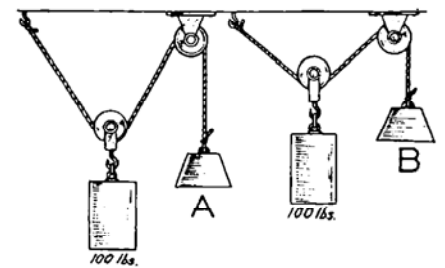
⑪ If the upper gear turns in the direction shown, in which direction will the lower gear turn?



④ Which wheel presses harder on the rail?



⑧ Which way will the upper rod stay balanced more easily?



⑫ Which weight must be heavier to support the 100 pounds in the position shown?