Osmosis Problems: Will water move in or out of the cell

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| --- | --- | --- |
| Environment INSIDE the cell | Environment OUTSIDE the cell | Water?In or out |
| Solute conc | Water Conc. | Solute Conc. | Water Conc.  | In or out |
| 20% |  |  | 40% |  |
| 30% |  | 70% |  |  |
|  | 9% |  | 15% |  |
| 20% |  |  | 80% |  |
|  | 60% | 30% |  |  |
|  | 25% | 25% |  |  |
| 60% |  | 50% |  |  |

1. What will happen to a cell placed in distilled water?
2. What will happen to a fish put in distilled water?
3. What will happen to an egg placed in distilled water?
4. What will happen to a cell placed in salt water?
5. What will happen to a freshwater fish placed bin salt water?
6. What will happen to an egg placed in saltwater?

Below: draw an arrow showing the movement of water.





 

 Explain why the inside of the bag will turn black?

 