



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

1 Based on your knowledge of **osmosis**, what would happen to a plant if you watered it with **salt water**?

- A The plant would dehydrate & eventually die.
- B The plant would swell and grow bigger.
- C The plant would use the salt to carry out photosynthesis.
- D The plant would use the salt and release carbon dioxide.

2 **Evaporation of perfume** in a classroom, demonstrates the process of \_\_\_\_\_.

- A osmosis
- B diffusion
- C facilitated diffusion
- D active transport



3 Predict what would happen to the **water** in a tank separated by an **artificial cell membrane** as shown in this diagram over time.



4 What part of the cell **allows some materials to get through** but not others?



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

- A solvent
- B solution
- C solute
- D mixture



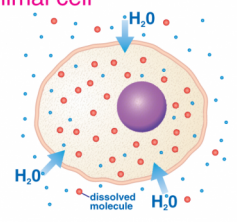
8

- A solvent
- B solution
- C solute
- D mixture



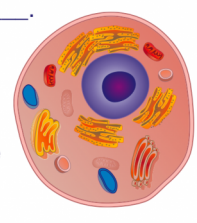
9 The condition shown in this illustration might **cause an animal cell** to \_\_\_\_\_.

- A burst
- B shrink
- C multiply
- D divide



10 The **outer layer** of an animal cell is called the \_\_\_\_\_.

- A cell wall
- B cell membrane
- C nucleus
- D nuclear membrane





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

1 Based on your knowledge of **osmosis**, what would happen to a plant if you watered it with **salt water**?

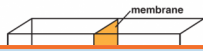
- A The plant would dehydrate & eventually die.
- B The plant would swell and grow bigger.
- C The plant would use the salt to carry out photosynthesis.
- D The plant would use the salt and release carbon dioxide.

2 **Evaporation of perfume** in a classroom, demonstrates the process of \_\_\_\_\_.

- A osmosis
- B diffusion
- C facilitated diffusion
- D active transport



3 Predict what would happen to the **water** in a tank separated by an **artificial cell membrane** as shown in this diagram over time.



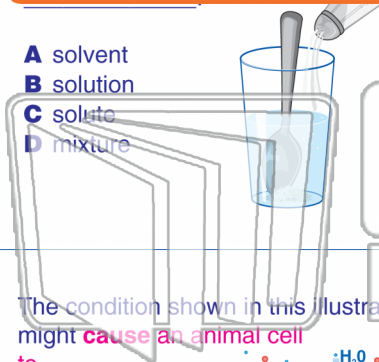
4 What part of the cell **allows some materials to get through** but not others?



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- A solvent
- B solution
- C solute
- D mixture

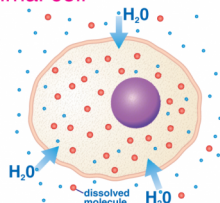


- A solvent
- B solution
- C solute
- D mixture



9 The condition shown in this illustration might **cause an animal cell** to \_\_\_\_\_.

- A burst
- B shrink
- C multiply
- D divide



10 The **outer layer** of an animal cell is called the \_\_\_\_\_.

- A cell wall
- B cell membrane
- C nucleus
- D nuclear membrane

