Cell Processes



Class Date Name

- Why are enzymes important to living organisms? Circle the answer letter.
 - a. They improve a living organisms living conditions.
 - b. They speed up chemical reactions.
 - c. They slow down chemical reactions.
- What do carbohydrates allow the cell to produce? Circle the answer.

cytoplasm

energy



- Which statement is **not** a reason why water is important to the cell?
 - a. Water helps to keep the size and shape of the cell.
 - b. Water helps to maintain a stable temperature for the cell.
 - c. Water provides many nutrients, minerals, and energy for the cell.
- Osmosis is important because it allows _____.
 - a. the cell to get rid of



cell

nes

mes

PREVIEW



Please Sign In or Sign Up to download the printable version of this worksheet

water

carbon monoxide

Where does the first stage of cellular respiration take place? Circle it. Where does the second stage of cellular respiration take place? Underline it.

mitochondria

ribosomes

nucleus

cytoplasm

- a. produces energy for the cell
- b. is important in producing proteins
- c. controls materials going in and out of the cell

10 What is a major source of energy for cellular respiration?

water

glucose

DNA

nitrogen

Cell Processes - Answer Key



			Sci
Name	Clas	s Date	
Why are enzymes imporganisms? Circle the	_	6 Which statement is not a water is important to the	•
a. They improve a li conditions.	ving organisms living	a. Water helps to keep shape of the cell.	the size and
b. They speed up cl		b. Water helps to maint temperature for the o	
	HUNGY	c. Water provides many minerals, and energy	
What do carbohydrat produce? Circle the		7 Osmosis is important be	
cytoplasm energ	y)	it allows a. the cell to get rid of	
orç "		a. the cell to get hid of	
3 v			cell
T A			HAL
	PREVIE	W	mes
4 c Please	Sian In or Siar	n Up to download	mes
		of this worksheet	
water	carbon monoxide	a. produces energy for	the cell
		(b.) is important in producing proteins	
5 Where does the first serespiration take place	? Circle it.	c. controls materials go of the cell	ing in and out
Where does the seco respiration take place		What is a major source of cellular respiration?	energy for

ribosomes

mitochondria

nucleus

nitrogen

water