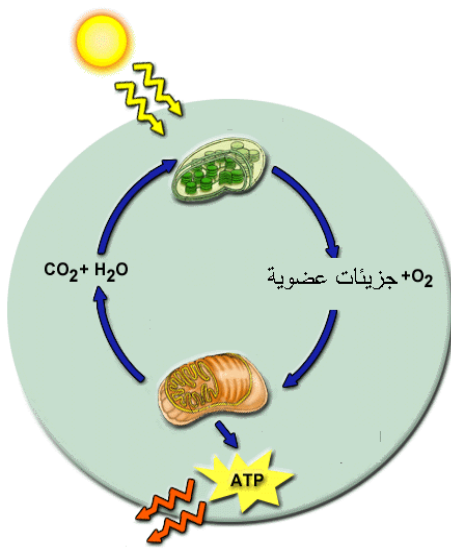


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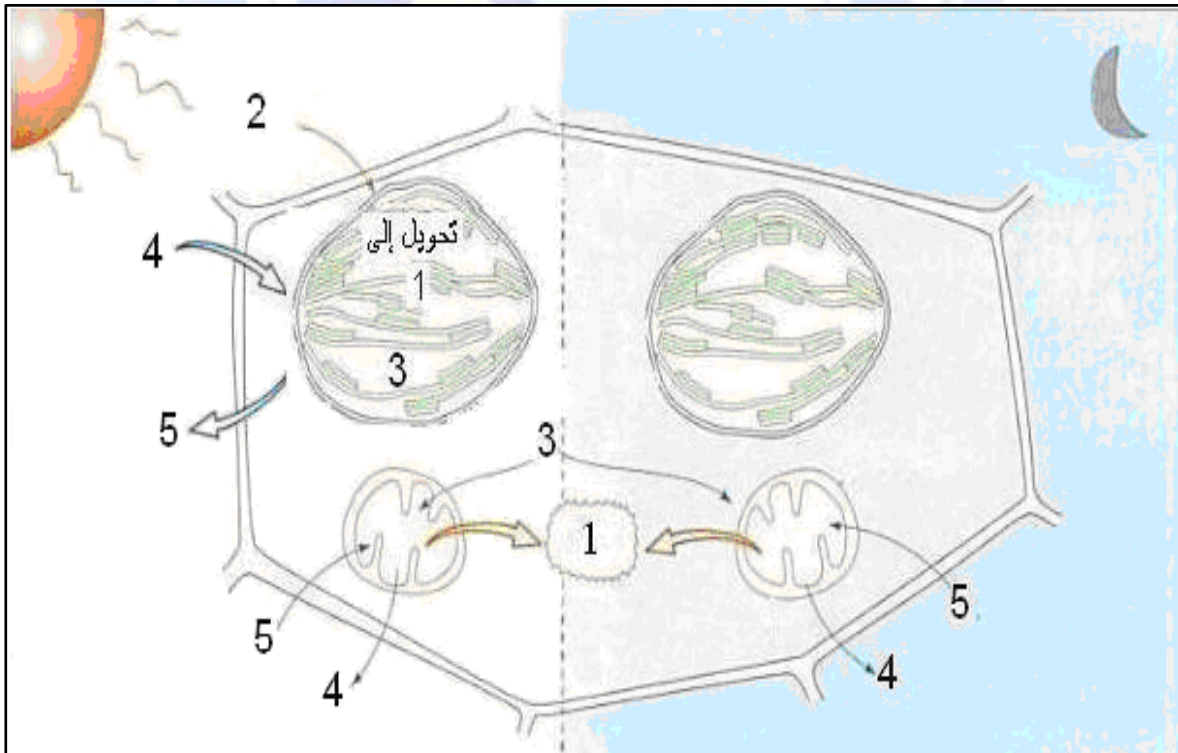
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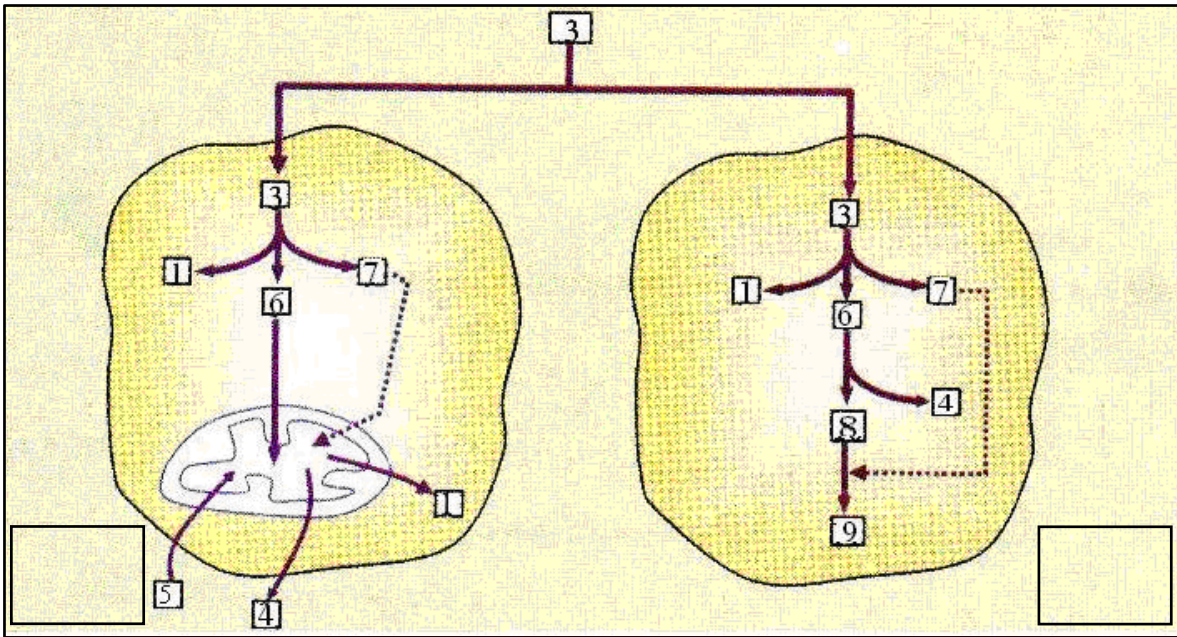
ATP

- 1

(1)



(2)



.(2 1)

ATP

.(2 1)

1

2

3

أقيم إجابتي



1 :

ATP :1 :2 :3

CO₂ :4 :5 :6 O₂

NADH,H⁺ :7 :8 :9

2 ATP () (ATP) :

-

-

ATP

ATP

()

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3

ATP

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ATP

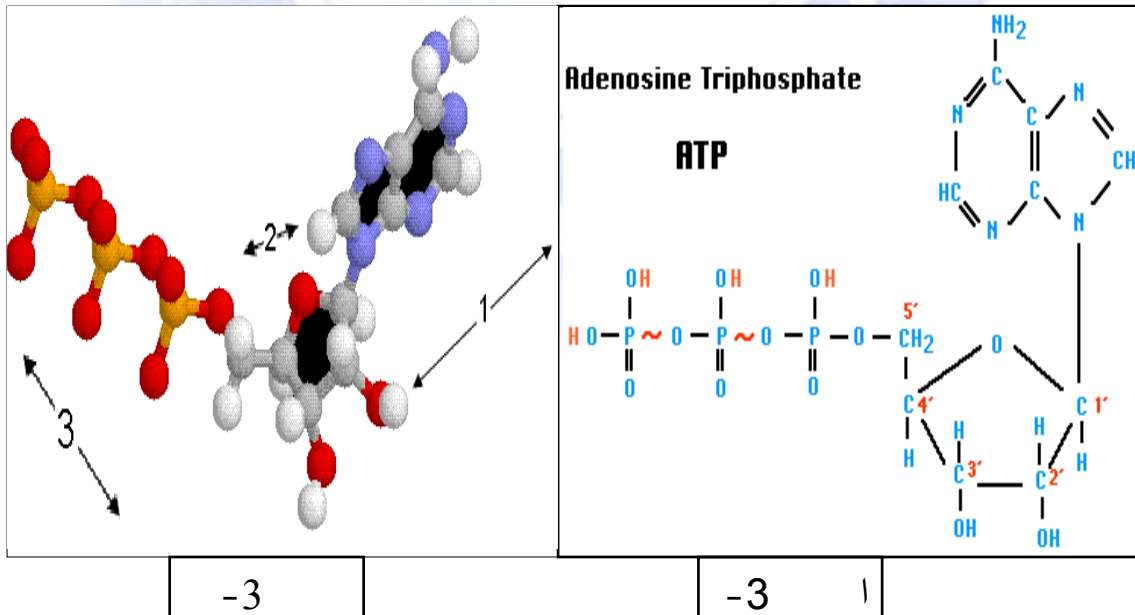
ATP

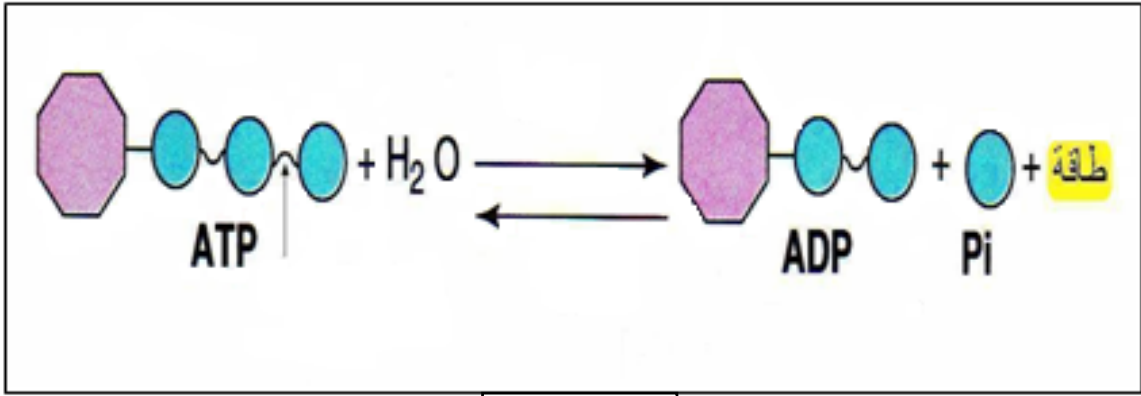
2

(5 4)

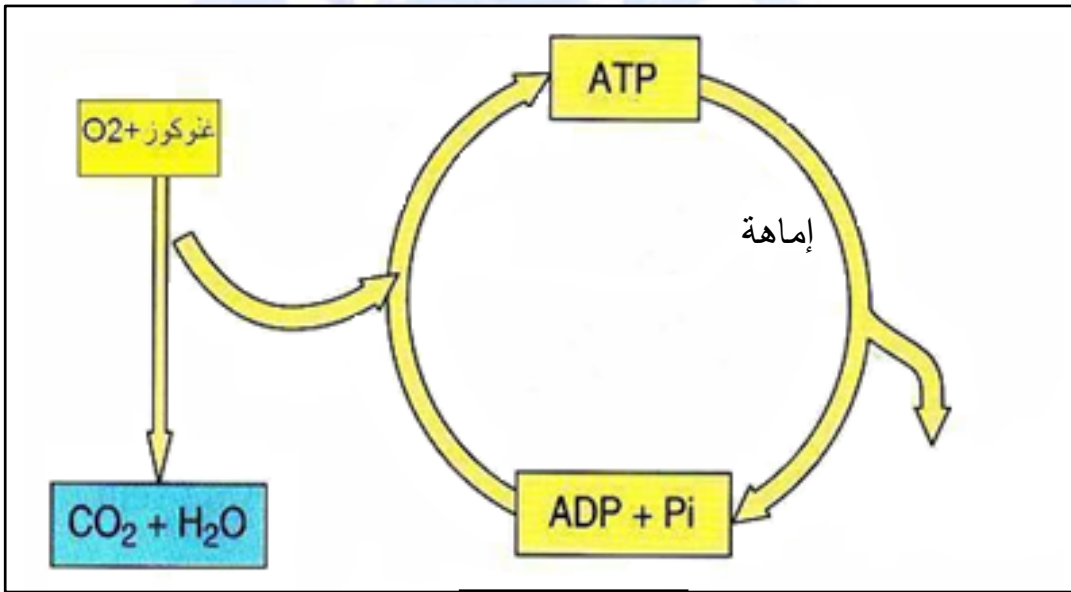
ATP

(3)





4



5

(-3) 1

(-3)

" ATP " (4) 2

. ATP (5 4) 3

أقيم إجابتني

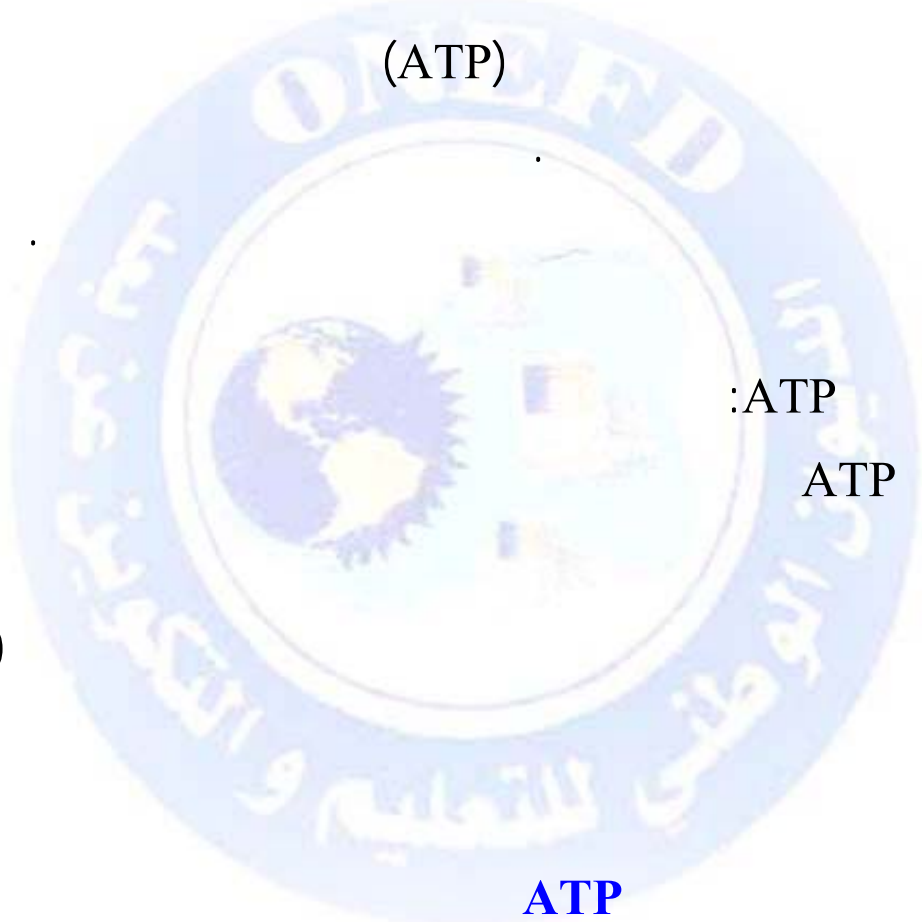


: 1

3 :3 :2 :1

: 2

(ATP)



:ATP 3

ATP

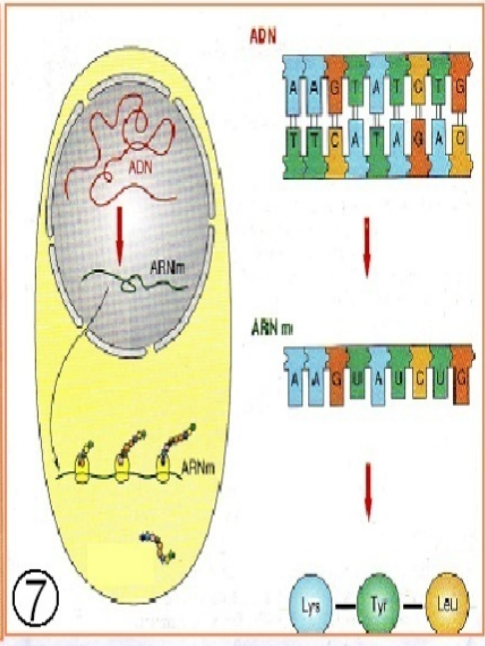
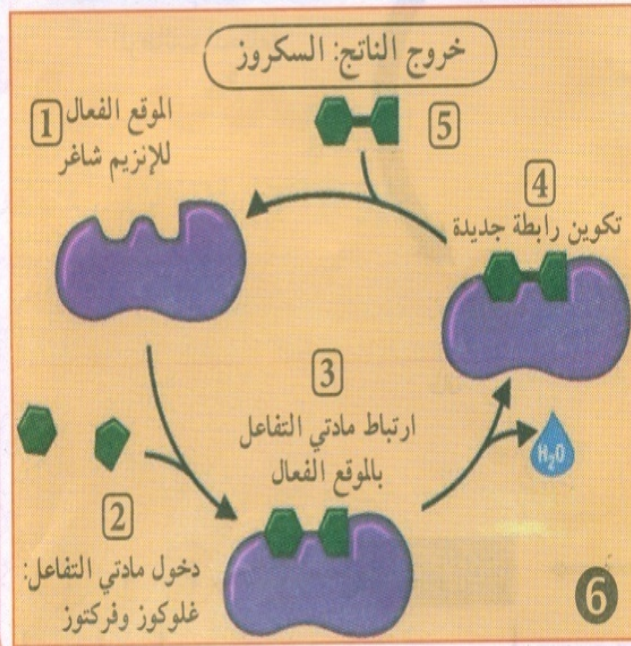
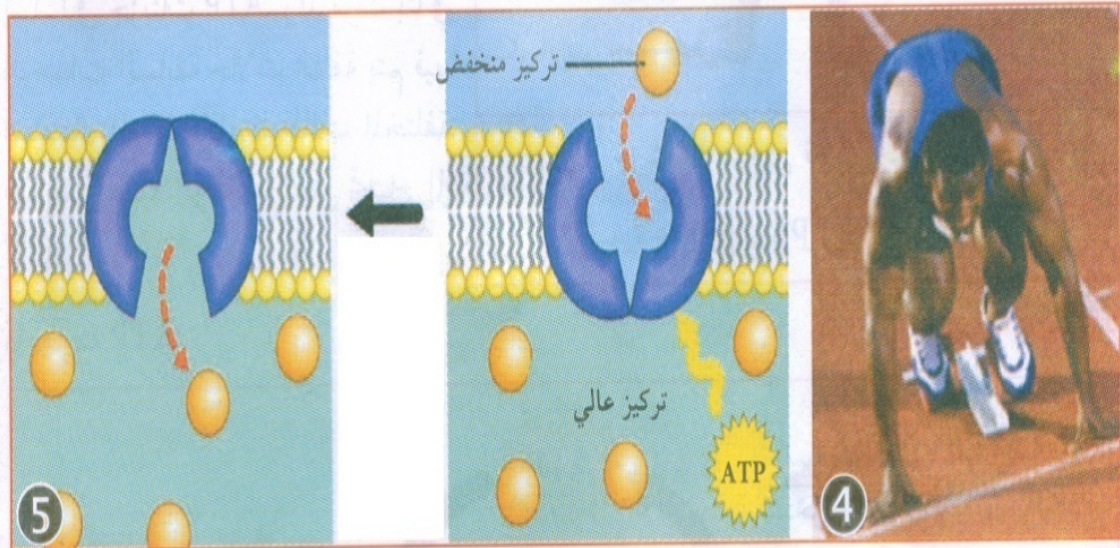
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ATP

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(6)



ATP

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.(5) Na^+/K^+

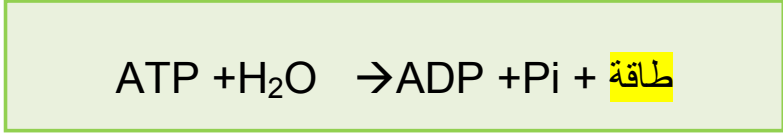
.(6)

.(7)

(ATP)

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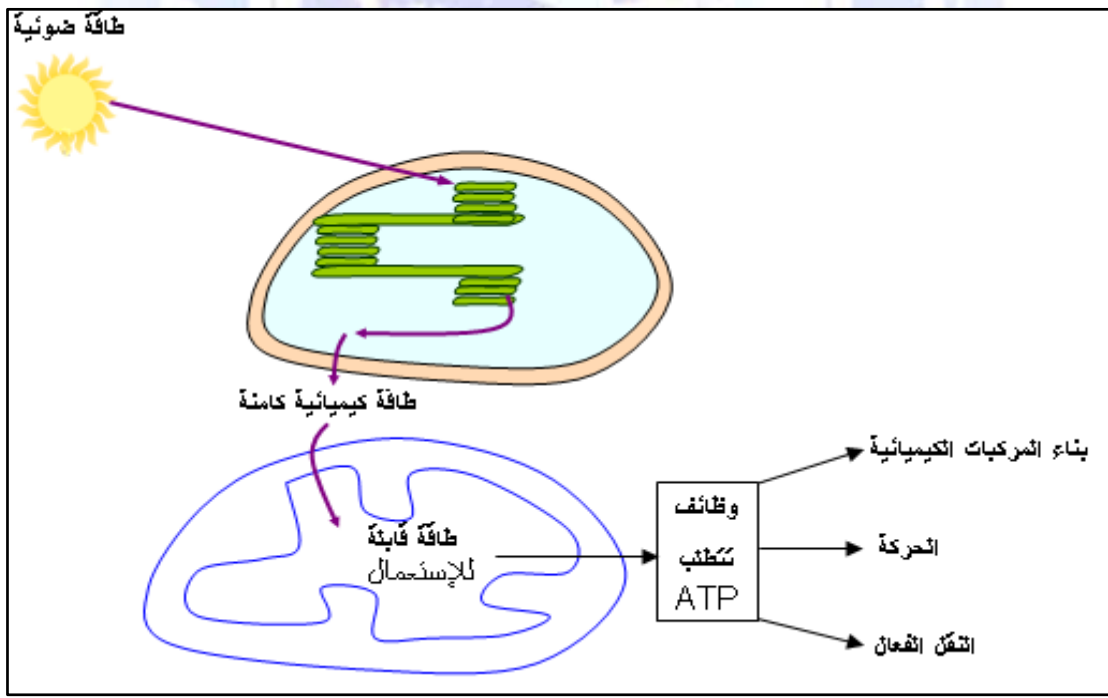
ATP

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ATP

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(...)

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(Na⁺/k⁺)

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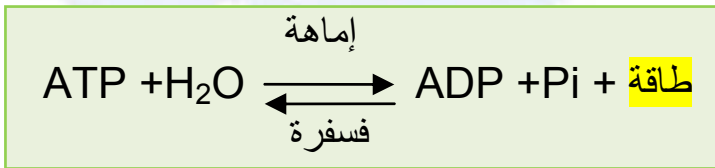
(

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ATP

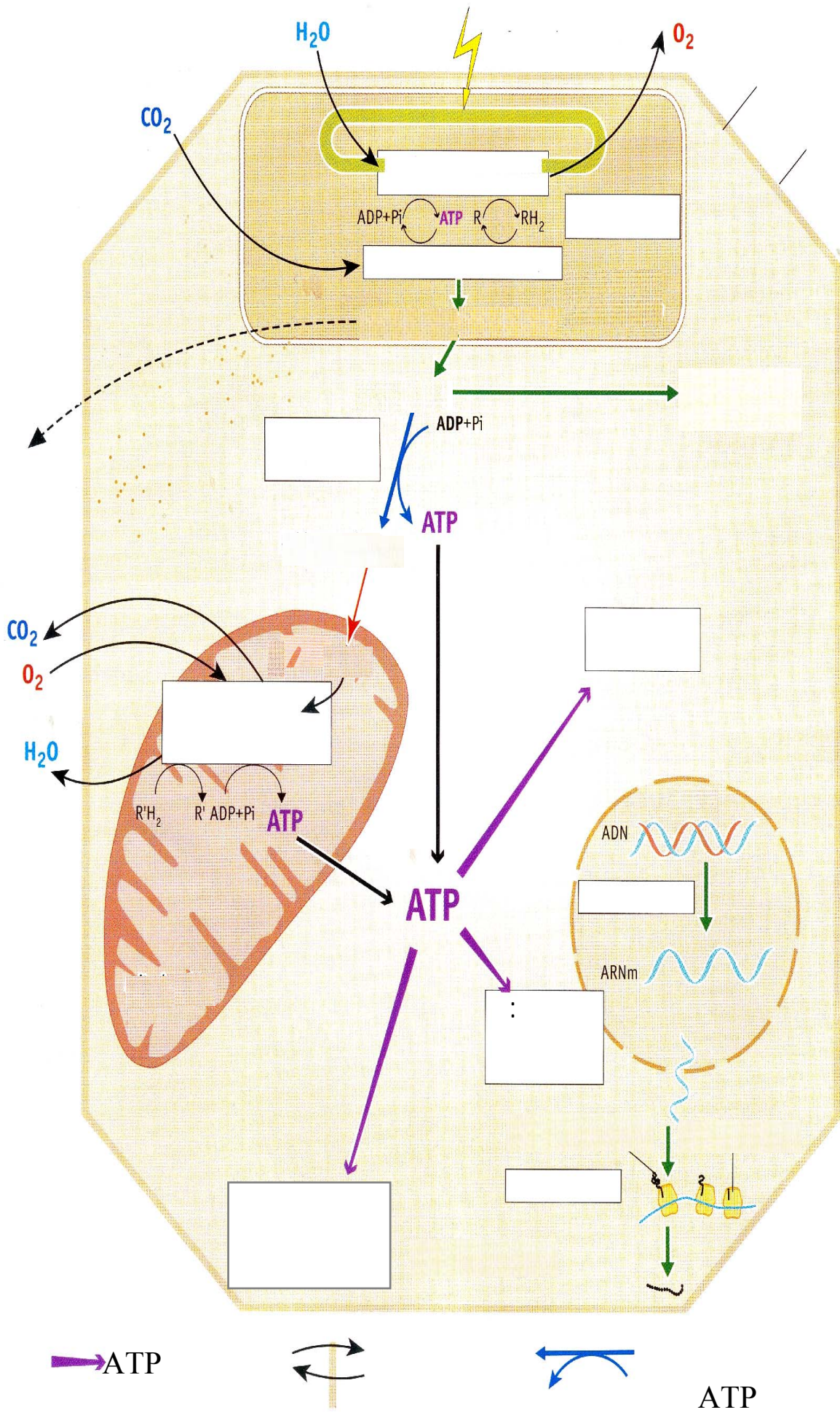
(ADP

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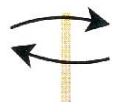


. ATP

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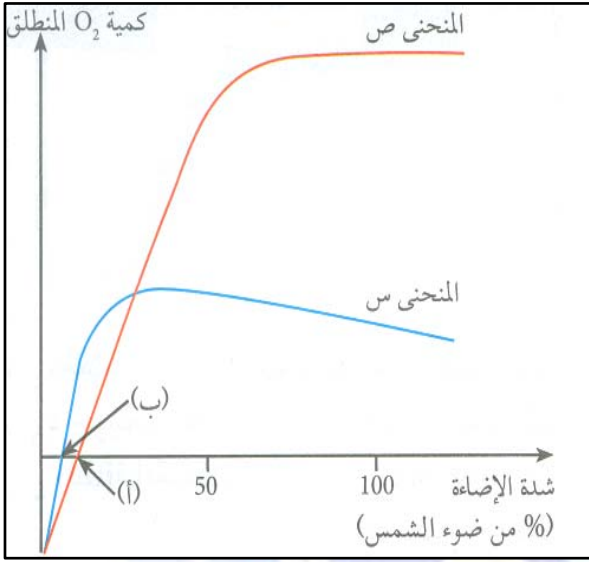
→ ATP



ATP

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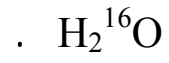
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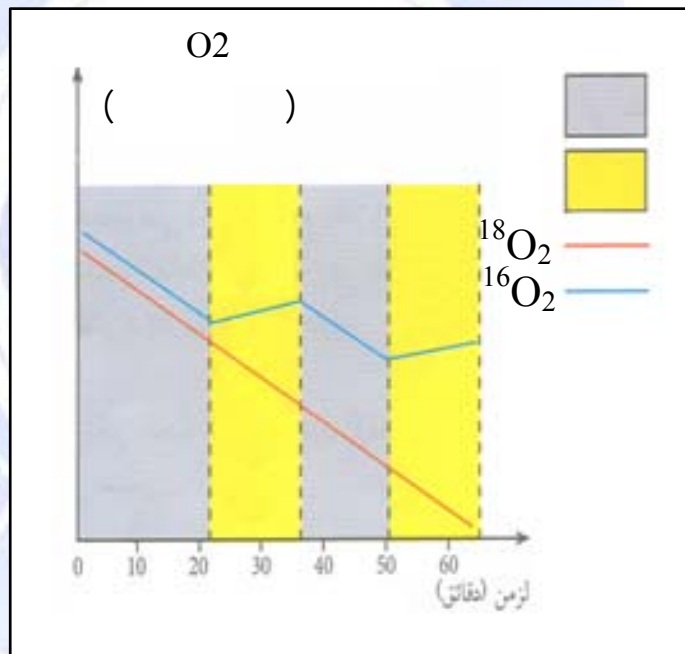
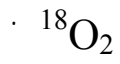
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-1

-2

-3

أقيم إجابتني

1 :

-1

-2

-3

-4



2 :

-1

(65).

-2



-3