

BEFORE READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1109/110907-nanotechnology.html>

1. TRUE / FALSE: Read the headline. Guess if a-h below are true (T) or false (F).

- | | |
|--|-------|
| a. Scientists have made the second-smallest motor ever invented. | T / F |
| b. The motor was made with just a single molecule. | T / F |
| c. The molecule in the motor has a width of a millionth of a metre. | T / F |
| d. The motor is 200 times smaller than the current world-record holder. | T / F |
| e. Scientists can also make molecules create movement from light. | T / F |
| f. Sykes' creation is the third molecule device to be accepted as a motor. | T / F |
| g. Dr Sykes' molecule motor spins at a rate of 50 times a second. | T / F |
| h. Next, Dr Sykes will make cog wheels for the world's smallest watch. | T / F |

2. SYNONYM MATCH: Match the following synonyms from the article.

- | | |
|---------------|-----------------|
| 1. created | a. transform |
| 2. recognised | b. applications |
| 3. current | c. tiny |
| 4. uses | d. accepted |
| 5. surgery | e. made |
| 6. single | f. connect |
| 7. convert | g. present |
| 8. classed | h. operations |
| 9. miniscule | i. labelled |
| 10. link | j. sole |

3. PHRASE MATCH: (Sometimes more than one choice is possible.)

- | | |
|---------------------------------|-------------------------|
| 1. the smallest electric | a. behind Sykes' device |
| 2. a feat of scientific | b. record holder |
| 3. just a billionth of | c. the tiniest machines |
| 4. The current world- | d. of his discovery |
| 5. used to power | e. genius |
| 6. chemical | f. wheels |
| 7. some mind-boggling science | g. motor ever created |
| 8. excited about the future | h. to one another |
| 9. lining them up next | i. a metre wide |
| 10. they're like miniature cog- | j. reactions |

Scientists make molecule-sized electric motor – 7th September, 2011

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