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Level 1

New gym opens to train robots

1st May, 2016

<http://www.breakingnewsenglish.com/1605/160501-robot-gym-1.html>

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THE READING

From <http://www.breakingnewsenglish.com/1605/160501-robot-gym-1.html>

Elon Musk has opened a kind of gym for robots, called OpenAI Gym. Mr Musk is the boss of the companies Tesla Motors and SpaceX. He also founded the online payments website PayPal. OpenAI Gym is a free platform for code writers to test their work on artificial intelligence. They can also share their algorithms. These are rules in a computer program that can solve problems and deal with lots of information.

Mr Musk wrote about why OpenAI Gym is free. He said: "Our goal is to advance digital intelligence in the way that is most likely to benefit humanity as a whole." It follows the idea of rewards for learning – like giving a dog a treat when it learns something new. If an algorithm does well in the gym, it gets a reward. If it fails, it doesn't. Musk wants to develop algorithms that can multi-task; to do many things at the same time, rather than just one thing.

Sources: <http://thescienceexplorer.com/technology/elon-musk-launches-ai-gym-make-robot-brains-versatile-our-own>
<http://www.computerworld.com/article/3063674/emerging-technology/elon-musk-opens-virtual-gym-to-train-your-robots.html>
<http://www.dailymail.co.uk/sciencetech/article-3564752/>

VOCABULARY MATCHING

From <http://www.breakingnewsenglish.com/1605/160501-robot-gym-1.html>

PARAGRAPH ONE:

- | | |
|-----------------------------|-------------------------------|
| 1. a kind of gym | a. intelligence |
| 2. the boss of | b. writers to test their work |
| 3. the online | c. problems |
| 4. a free platform for code | d. for robots |
| 5. artificial | e. of information |
| 6. a computer | f. the companies |
| 7. solve | g. program |
| 8. deal with lots | h. payments website PayPal |

PARAGRAPH TWO:

- | | |
|--|---------------------------------|
| 1. Our goal is to | a. it gets a reward |
| 2. most likely to benefit | b. at the same time |
| 3. the idea of rewards | c. advance digital intelligence |
| 4. giving a dog | d. just one thing |
| 5. If an algorithm does well in the gym, | e. for learning |
| 6. develop algorithms that | f. humanity as a whole |
| 7. do many things | g. can multi-task |
| 8. rather than | h. a treat |

LISTEN AND FILL IN THE GAPS

From <http://www.breakingnewsenglish.com/1605/160501-robot-gym-1.html>

Elon Musk has (1) _____ of gym for robots, called OpenAI Gym. Mr Musk (2) _____ the companies Tesla Motors and SpaceX. He (3) _____ online payments website PayPal. OpenAI Gym is a free platform (4) _____ to test their work on (5) _____. They can also share their algorithms. These are rules in a computer program that can solve problems and (6) _____ of information.

Mr Musk (7) _____ OpenAI Gym is free. He said: "Our goal is to advance digital intelligence (8) _____ is most likely to benefit humanity as a whole." It follows the idea (9) _____ learning – like giving a dog (10) _____ learns something new. If an algorithm does well in the gym, it gets a reward. If it fails, it doesn't. Musk (11) _____ algorithms that can multi-task; to do many things at the same time, rather than (12) _____.

PUT A SLASH (/) WHERE THE SPACES ARE

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a)

b)

c)

d)

e)

f)

g)

h)

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a)

b)

c)

d)

e)

f)

g)

h)
