

Exercises

A Vocabulary 日本語に適した単語を語群から選びましょう。

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|----------|-------|---------|-------|
| 1. 続く | _____ | 2. 角度 | _____ |
| 3. 安定させる | _____ | 4. 予測 | _____ |
| 5. 最大の | _____ | 6. 物理学者 | _____ |

a. plunge	b. physicist	c. prediction	d. maximum
e. last	f. angle	g. stabilize	

B Comprehension 適切なものを選びましょう。

1. Researchers continually modified the _____ of their “stones” to determine the best way to throw a stone to make it skip.
 - a. smoothness
 - b. angle, velocity and rotation
 - c. material composition
 - d. waterproof quality
2. A sluggish stone is more likely to _____ than a speedy stone.
 - a. bounce
 - b. float
 - c. spin
 - d. sink
3. Research into stone skipping _____ .
 - a. has until now been generally theoretical
 - b. has not changed drastically since the time of the Ancient Greeks
 - c. has no practical implications
 - d. has no relation to physics

C Dialog 会話を聴いて () に適語を入れましょう。

Chris: What will they () next?

Mary: I don't know, what?

Chris: I mean, this is ridiculous. They () a lot of money to find the best way to () rocks.

Mary: Well, that does () a bit superficial.

Chris: They were really serious! They made a ()-skipping machine, they did a lot of research and they came to some () conclusions about skipping stones!

Mary: Well, their research might have some () applications.

Chris: Mili ...? Oh come on!

Mary: Or it might be an Olympic () someday. Don't be so negative!

D Composition 語句を並べ替えて英文を作りましょう。

1. 石の一投ごとの跳ね返り回数を最大にするには、石の回転、スピード、形が重要だ。

The spin, speed and shape of a stone are important to achieve the (maximum / number / of / per / rebounds / throw).

2. 回転は物体を安定させ、水中に沈みこむのを防ぐ。

Spin stabilizes the object and (a plunge / from / into / it / prevents / taking) water.