

Use the following table to answer the next 2 questions:

Brand of Car	Make of Car	Cost (\$)
Toyota	RAV4	35,000
Ford	F-Series	38,000
Tesla	Model 3	80,000
Honda	Civic	27,600

Commented [A1]: This table will be extracted and appended to both question 1 and 2.

1. Which is the most expensive car on the list?

- a. Toyota RAV4
- b. Ford F-Series
- c. **Tesla Model 3**
- d. Honda Civic

Commented [A2]: Bold is used to annotate the correct answer

2. Which are the two cheapest cars on the list?

- a) Toyota RAV4*
- b) Ford F-Series
- c) Tesla Model 3
- d) Honda Civic*

Commented [A3R2]: NOTE: We recommend using an Answer Key at the bottom of the document to define the answers

Reference:

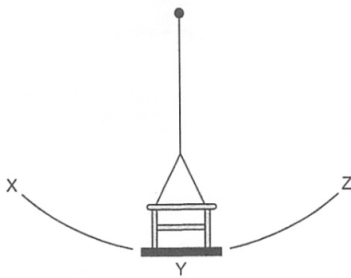
Explanation:

Type: Multiple Choice Difficulty: Hard Category: Apply

Commented [A4]: 2 column mcq option layout. Asterisk is used to annotate the correct answer.

When two or more answers are annotated, this question becomes a multi-response question, where learners can select more than one option.

3. The diagram below shows a child's swing.



Commented [A5]: Metadata from publishers can be present and will be handled appropriately.

Commented [A6]: Questions can have images

The swing is released from point X.

Which movement takes one period of oscillation?

- a. From X to Y
- b. From X to Z
- c. From X to Z and back to X
- d. From X to Z and back to Y

Answer: C

Commented [A7]: Yet another way to set the correct answer

4. Who was captain of the Titanic when it sank on April 15, 1912?

- *Edward Smith
- Christopher Columbus
- Jack Sparrow
- David Greene

Commented [A8]: We support absence of MCQs that are defined without the associated labels in the options (i.e. ABCD), though we discourage this style of formatting since it's more prone to conversion errors.

5. $\int \frac{x + \sin x}{1 + \cos x} dx$ is equal to

- a. $\log|1 + \cos x| + c$
- *b. $\log|1 + \sin x| + c$
- c. $x - \tan x + c$
- d. $x \tan \frac{x}{2}$

Commented [A9]: MCQ options can be placed inline (i.e. in a single line)

Select the word whose underlined part differs from the other three in pronunciation in the next 2 questions.

- 6. A. amazing *B. charge C. female D. taste
- 7. *A. break B. breath C. thread D. tread
- 8. A student sets up a circuit using a battery made of four cells, a resistor R, two identical lamps P and Q, and a switch. The circuit is shown in Fig. 6.1.

Commented [A10]: MCQ without question text, only options.

Commented [A11]: Multi-part questions. With part a and part b.

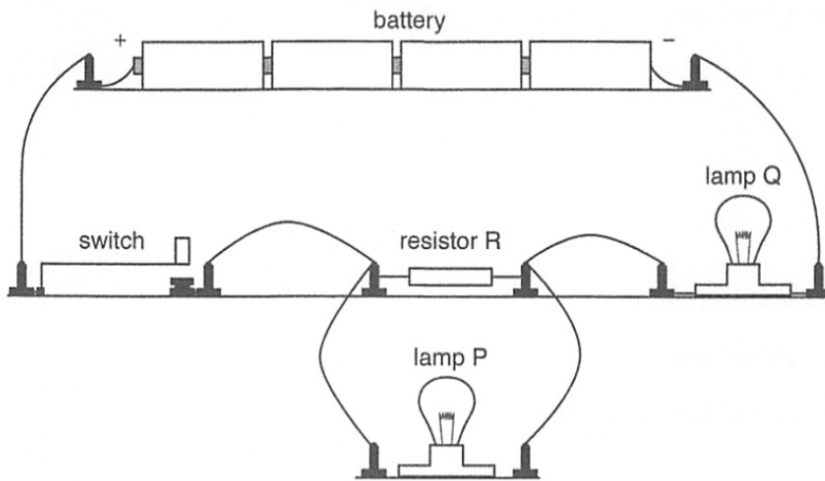


Fig. 6.1

a. Explain why in this circuit the current lamp Q is larger than the current in lamp P.

Answer: Lamp P is connected in parallel with resistor R hence it has lower current compare to Q.

b. Explain why in this circuit lamp Q has different resistance from lamp P even though they are identical lamps.

Answer: As $V=IR$, given that P has less effective resistance due to being connect in parallel with R.

Suddenly she came upon a little three-legged table, all made of solid glass; there was (9) _____ on it except a tiny golden key, and Alice's first (10) _____ was that it might belong to one of the doors of the hall; but, alas! either the locks were too large, or the key was too small, but at any rate it would not open any of them. (11) _____, on the second time round, she came upon a low curtain she had not noticed before, and behind it was a little door about fifteen inches high: she tried the little golden key in the lock, and to her great delight it fitted!

Alice (12) _____ the door and found that it led into a small passage, not much larger than a rat-hole: she knelt down and looked along the passage into the loveliest garden you ever saw. How she longed to get out of that dark hall, (13) _____ wander about among those beds of bright flowers and those cool fountains, but she (14) _____ not even get her head through the doorway; "and even if my head would go through," thought poor Alice, "it would be of very little use without my shoulders. Oh, how I wish I could shut up like a telescope! I think I could, if I only (15) _____ how to begin." For, you see, so many out-of-the-way things had happened lately, that Alice had begun to think that very few things indeed were really impossible.

(16) _____ seemed to be no use in waiting by the little door, so she went back to the table, half hoping she might find another key on it, or at any rate a book of rules for shutting people up like telescopes: this time she found a little bottle on it, ("which certainly was not here before," said Alice,) and round the neck of the bottle was a paper label, (17) _____ the words "DRINK ME," beautifully printed on it in large letters.

Commented [A12]: Cloze (fill-in-the-blank) question

15. The Grand Canyon is a steep-sided canyon carved by the Colorado River in _____ [*Arizona, Utah, California, Nevada]. The canyon is a result of _____ [erosion, weathering] which exposes one of the most complete geologic columns on the planet.

Commented [A13]: Select-drop-down question. Correct answer annotated by asterisk.

- T F* 16. The United States has 52 states.
 T F 17. Neil Armstrong was the first person to walk on the moon.
 18. United States of America entered WWI in 1917. **True** or False?
 19. True or False*. Paris is the capital of Italy.

Commented [A14]: Fill-in-the-blank question. Correct answers in square brackets.

Commented [A15]: Variety of ways to define a True-False question.

20. Match the following landmarks with the states they are in:
 Statue of Liberty = New York
 Grand Canyon = Nevada
 Mount Rushmore = South Dakota
 Golden Gate Bridge = California
 Empire State Building = New York

Answer Scheme

9. nothing
 10. thought
 11. thankfully, luckily
 12. opened
 13. and
 14. could
 15. knew

Commented [A16]: Use comma to separate alternative correct fill-in-the-blank answers.

16. there

17. with

Commented [A17]: All the answers can be placed at the end of the document as an Answer Scheme. This answer scheme sets the answer for the cloze question above (q9 to q17).