고1_ 2018[기출문제] 36

다음 글의 빈칸에 들어갈 말로 가장 적절한 것은?[1] [H1-1806 36번]

The scientific study of the physical characteristics of colors can be traced back to Isaac Newton. One day, he spotted a set of prisms at a big county fair. He took them home and began to experiment with them. In a darkened room he allowed a thin ray of sunlight to fall on a triangular glass prism. As soon as the white ray hit the prism, it separated into the familiar colors of the rainbow. This finding was not new, as humans had observed the rainbow since the beginning of time. It was only when Newton placed a second prism in the path of the spectrum that he found something new. The composite colors produced a white beam. Thus he concluded that _____.

① white light is pure and fundamental
② he can increase the light by using prisms
③ composite beams require additional research
④ the most noticeable color of the rainbow is white
⑤ white light can be produced by combining the spectral colors

다음 빈칸에 들어갈 말로 가장 적절한 것은?[2] [H1-1806 36번]

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* composite : 합성의

① the rainbow is caused by sunlight
② prism is a priceless scientific object
③ white light is inseparable unlike dark light
④ no great discovery was made without experiments
⑤ white light can be produced by combining the spectral colors

다음 글의 내용을 한 문장으로 요약하고자 한다. 빈칸 (A)와 (B)에 들어갈 말로 가장 적절한 것은?[3] [H1-1806 36번]

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↓

Isaac Newton found with prisms something new that (A)_____ can be produced by (B)_____ many different colors.

	(A)	(B)
①	sun light	creating
②	rainbow	harmonizing
③	rainbow	blending
④	white hearn	separating into
⑤	white ray	integrating

다음 글의 괄호 (A), (B), (C)에서 문맥에 맞는 낱말로 가장 적절한 것은?[4] [18H10636]

The scientific study of the physical characteristics of colors can be traced back to Isaac Newton. One day, he (A)[spotted / marked] a set of prisms at a big county fair. He took them home and began to experiment with them. In a darkened room he allowed a thin ray of sunlight to fall on a triangular glass prism. As soon as the white ray hit the prism, it (B)[operated / separated] into the familiar colors of the rainbow. This finding was not new, as humans had observed the rainbow since the beginning of time. It was only when Newton placed a second prism in the path of the spectrum that he found something new. The composite colors produced a white beam. Thus he (C)[conducted / concluded] that white light can be produced by combining the spectral colors.

	(A)	(B)	(C)
①	spotted	operated	conducted
②	marked	operated	conducted
③	spotted	separated	conducted
④	marked	separated	concluded
⑤	spotted	separated	concluded

다음 글의 흐름으로 보아, 주어진 문장이 들어가기에 가장 적절한 곳은?[5] [18년 6월 36번]

As soon as the white ray hit the prism, it separated into the familiar colors of the rainbow.

The scientific study of the physical characteristics of colors can be traced back to Isaac Newton. One day, he spotted a set of prisms at a big county fair. (A) He took them home and began to experiment with them. In a darkened. room he allowed a thin ray of sunlight to fall on a triangular glass prism. (B) This finding was not new, as humans had observed the rainbow since the beginning of time. (C) It was only when Newton placed a second prism in the path of the spectrum that he found something new. (D) The composite colors produced a white beam. (E) Thus he concluded that white light can he produced by combining the spectral colors.

① A ② B ③ C ④ D ⑤ E

다음 글의 밑줄 친 he가 가리키는 대상이 나머지 넷과 다른 것은?[6] [18년 6월 36번]

The scientific study of the physical characteristics of colors can be traced back to Isaac Newton. One day, ⓐhe spotted a set of prisms at a big county fair. ⓑHe took them home and began to experiment with them. In a darkened room ⓒhe allowed a thin ray of sunlight to fall on a triangular glass prism. As soon as the white ray hit the prism, it separated into the familiar colors of the rainbow. This finding was not new. This is because his master already found it, and ⓓhe published the theory about the phenomenon. It was only when Newton placed a second prism in the path of the spectrum that he found something new. The composite colors produced a white beam. Thus ⓔhe concluded that white light can be produced by combining the spectral colors.

① ⓐ ② ⓑ ③ ⓒ ④ ⓓ ⑤ ⓔ

다음 빈칸에 들어갈 말로 가장 적절한 것은?[7] [H1-1806 36번]

The scientific study of the physical characteristics of colors can be traced back to Isaac Newton. One day, he spotted a set of prisms at a big county fair. He took them home and began to experiment with them. In a darkened room he allowed a thin ray of sunlight to fall on a triangular glass prism. As soon as the white ray hit the prism, it separated into the familiar colors of the rainbow. This finding was not new, as humans had observed the rainbow since the beginning of time. It was only when Newton placed a second prism in the path of the spectrum that he found something new. The composite colors produced a white beam. Thus he deduced _____ _____.

① a prism breaks up white light into the spectral colors
② when the spectral colors are consolidated, white light can be made
③ the sunlight is reflected back to us as a colorful rainbow in the sky
④ while light is made up of a couple of colors that we can see in the air
⑤ a ray of light is divided into its constituent colors by the second prism

정답

1 ⑤
2 ⑤
3 ⑤
4 ⑤
5 ②
6 ④
7 ②