



Cause and effect

Reading Comprehension Worksheet

Practice

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**Cause and effect** are about how one thing can cause something else to happen.

The **cause** is *why* something happened.

The **effect** is *what* happened.  
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Read about how light causes us to see colors, and think about **cause** and **effect** as you read.

Terrence Learns About the Color Wheel

After dinner, Terrence got back to experimenting with his new watercolor set. He liked to mix colors together to see what new color he would get. His drawings were looking much cooler now that he could paint them too.

Terrence was also writing down which color mixes were best. He noticed that when he mixed yellow and blue, he got green. When he mixed yellow and red, he got orange, and when he mixed red and blue, he got purple. A lot of colors that he mixed just came out brown.

Terrence was just making another note about color mixes when his dad came in. His dad looked at Terrence's notes. "Well I'll be darned!" his dad said. "I'll be right back."

Terrence heard his dad's computer go on. Then he heard the printer printing.

"Look at this," his dad said. "You've re-invented the color wheel!"

"What do you mean?" Terrence asked, looking at the picture his dad had printed from the computer.

There were three large circles in a triangle. One was red, one was yellow, and one was blue. There were three smaller circles in between each of the two large circles. Between the yellow and blue circles was a smaller green circle. Between the yellow and red circles was a smaller orange circle. Between the red and blue circles was a smaller purple circle. The six small and large circles formed a larger circular shape, or a wheel shape. At the top of the page was the title: "The Color Wheel."

"It looks the same!" Terrence's dad said. "Let's go get some ice cream to celebrate."

What is the **effect** of each **cause**?

1. Terrence wanted to remember which watercolor mixes were the best.
 - A. Terrence tried out all kinds of different color mixes.
 - B. Terrance wrote down notes about the different color mixes.
 - C. Terrence noticed that a lot of color mixes came out brown.

2. Terrence mixed yellow paint and blue paint.
 - A. Terrence got green paint.
 - B. Terrence got orange paint.
 - C. Terrence got purple paint.

3. Terrence mixed yellow paint and red paint.
 - A. Terrence got green paint.
 - B. Terrence got orange paint.
 - C. Terrence got purple paint.

4. Terrence's dad looked at the notes that Terrence had taken.
 - A. Terrence's dad asked him about the notes he had taken.
 - B. Terrence's dad showed Terrence how to mix certain colors.
 - C. Terrence's dad was surprised at the notes Terrence had taken.

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5. Here is a **cause**: Terrence heard his dad's computer go on, and then the printer printing.  
What is the **effect**?

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6. Here is a **cause**: Terrence looked at the picture of the color wheel.  
What is the **effect**?

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## Answer Key

1. B
2. A
3. B
4. C
5. Terrence's dad showed him a picture he had just printed.
6. Terrence saw the same color combinations he had written in his notes.