

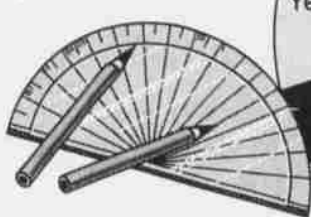
Try this: Colored spinners

This experiment demonstrates that when an object spins, you see the results of mixing different colored light together.

What color will it be when it spins?

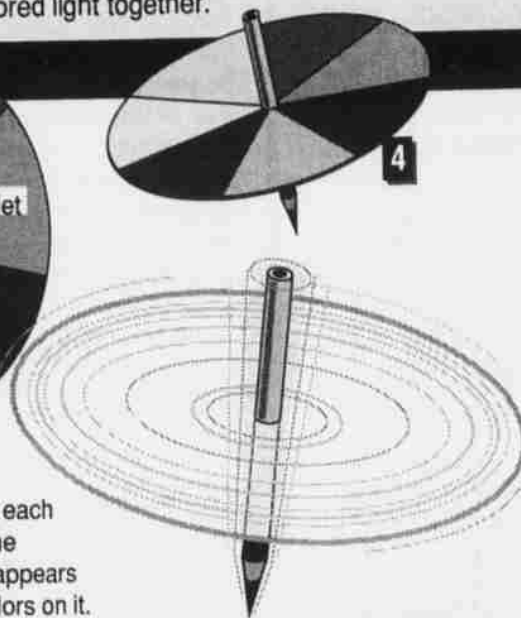
You'll need: Cardboard, scissors, a short pencil with a sharp point or a pointed stick, a protractor, colored pencils.

- 1 Cut a cardboard disk with a diameter of 4 inches.
- 2 Draw seven equal sections. Make each section about 51° wide. Use a protractor to divide up the disk.
- 3 Color each section with one of the colors of the spectrum. The spectrum colors are red, orange, yellow, green, blue, indigo and violet.
- 4 Make a small hole in the middle of the disk and push the sharp pencil or stick through.
- 5 Spin the disk quickly. What color do you see?



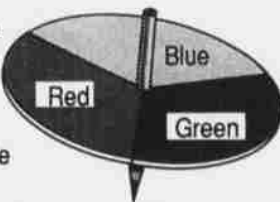
Why did it happen?

When the circle spins quickly, your eyes cannot see each color separately. You see only the result of mixing the different colored light together. This is why the disk appears grayish-white even though there are really seven colors on it.

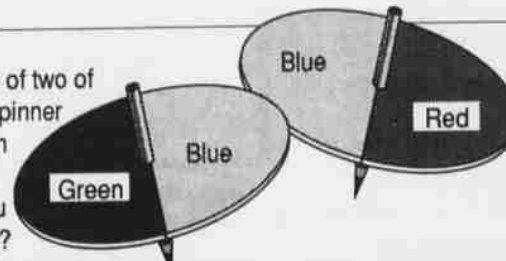


More things to try

■ Make another disk in the same way but divide it into three sections. Color one section red, one blue and one green. When you spin the disk it, too, will look grayish-white. This is because red, blue and green are main colors our eyes are able to respond to. They are called primary colors.



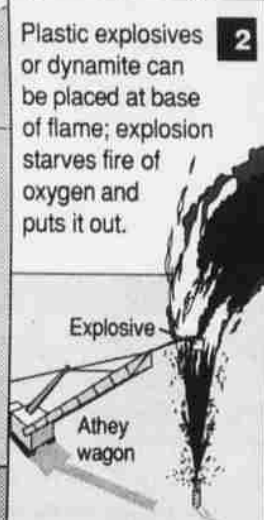
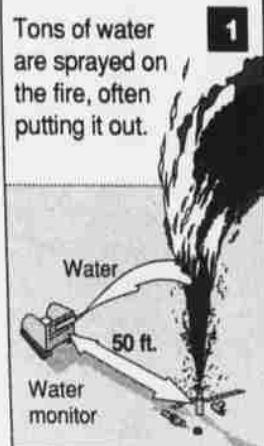
■ Try different combinations of two of the primary colors. Make a spinner that is half red and half green and one that is half red and half blue. What colors do you see when you spin the disks?



SOURCE: 175 Science Experiments to Amuse and Amaze Your Friends, Random House

Fighting Kuwait's oil fires

More than 600 of Kuwait's 1,060 oil wells are on fire, most set by Iraqi forces. The fires are destroying more than 3 million barrels a day, equal to half the U.S. daily production. Once the land mines are removed and the firefighters and equipment arrive, each team may put out an average of three well fires every two weeks.

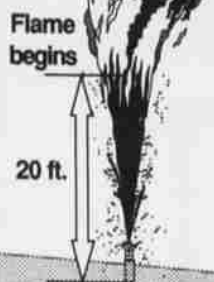
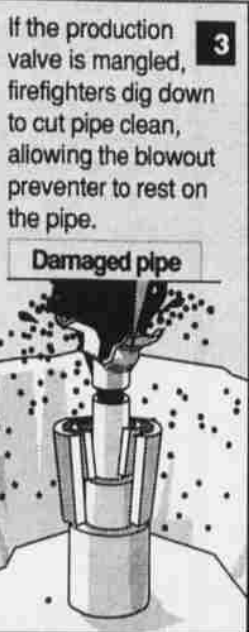
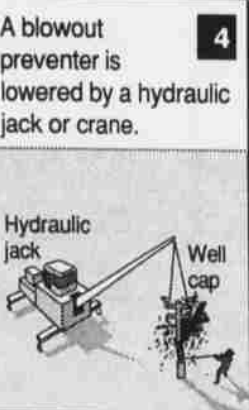


Kuwait's oil industry

- Oil reserves: 94.5 billion barrels (Jan. 1991)
- Crude oil production: 1.8 million barrels a day in 1989; 1.9 million barrels of crude and refined were exported daily
- Oil revenue: \$9 billion in 1989

Blowout preventer:

After fire is put out, a blowout preventer, a valve system used to cap an active well, is lowered and wrenched into place. The valve's diverter lines are opened to allow oil to spill off. The valves are then slowly tightened. Later, the blowout preventer is replaced with a regular production valve known as a "Christmas tree."



SOURCE: Chicago Tribune, Neal Adams Firefighters Inc.

NUTRITION

Pass the calcium, hold the calories

Adults should include calcium in their diets. The recommended allowance is 800 milligrams each day. This chart will help you select the most calcium for the least calories.

Product	Calories	Calcium
1 cup low-fat yogurt	144	415mg
1/2 cup part-skim ricotta cheese	171	337
1 cup skim milk	86	302
1 cup vanilla non-fat frozen yogurt	190	300
1 cup buttermilk	99	285
1 oz cheddar cheese	114	204
3 oz canned salmon w/bones	130	203
1 cup vanilla ice milk	184	176
1 cup 1% low-fat cottage cheese	164	138
1/2 cup boiled spinach	21	122

SOURCE: Cooking Light

War-related civilian deaths

More than 31 million civilians have been killed in more than 100 wars and conflicts since World War II. Some highlights:

- World War II 1939-45: 18.8 million
- Korean War 1950-53: 1.5 million
- Vietnam War 1965-75: 1 million
- Bangladesh famine, conflict 1971: 1 million
- Afghanistan civil war 1978-89: 670,000
- Ethiopia civil war: 500,000
- Angola civil war 1975-89: 320,000
- Lebanon civil war 1975-89: 115,000
- Iraq, Iran vs. Kurds 1961-88: 109,000
- Iran/Iraq war: 100,000

SOURCE: World Military and Social Expenditures