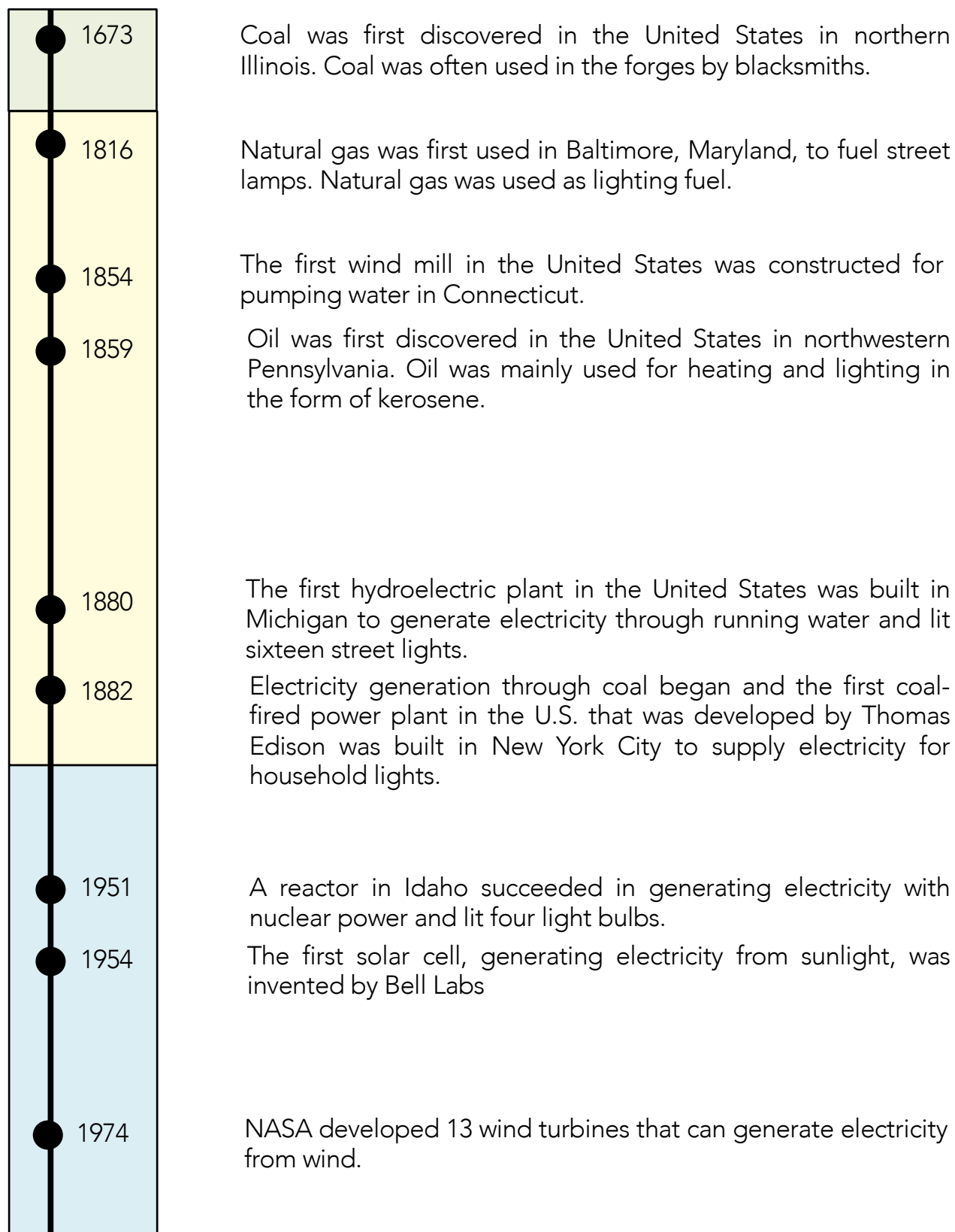


The timetable below shows history of some of the major energy sources we depend on in our country. Answer the questions that follow.



1. How many years ago was nuclear power first used to generate electricity in our country?

2. How many years difference is there between the year when oil was first discovered in this country and the year when natural gas was first used for street lamps?

3. What energy source was discovered 186 years after coal was first discovered?

4. How many years did it take to use wind energy for generating electricity after the first wind mill was constructed for pumping water?

5. How many years did it take to use coal for generating electricity after coal was first discovered in this country?

6. What was invented 72 years after the electricity generating through coal began?

7. How many years difference is there between when electric was first generated by water running and when electricity was first generated by sunlight?



Answer Key

1. How many years ago was nuclear power first used to generate electricity in our country?

$$2018 - 1951 = 67 \text{ (years)}$$

2. How many years difference is there between the year when oil was first discovered in this country and the year when natural gas was first used for street lamps?

$$1859 - 1816 = 43 \text{ (years)}$$

3. What energy source was discovered 186 years after coal was first discovered?

$$1673 + 186 = 1859: \text{Oil}$$

4. How many years did it take to use wind energy for generating electricity after the first wind mill was constructed for pumping water?

$$1974 - 1854 = 120 \text{ (years)}$$

5. How many years did it take to use coal for generating electricity after coal was first discovered in this country?

$$1882 - 1673 = 209 \text{ (years)}$$

6. What was invented 72 years after the electricity generated through coal began?

$$1882 + 72 = 1954: \text{Solar cells}$$

7. How many years difference is there between when electricity was first generated by water running and when electricity was first generated by sunlight?

$$1954 - 1880 = 74 \text{ (years)}$$

