

Szkoła Podstawowa
im. Macieja Rataja
w Karczmiskach



SURVEY results

SURVEY ABOUT CLIMATE CHANGE OR GLOBAL WARMING

ERASMUS+ Pedagogic Resources for Active Learning

Karczmiska, November 2016

Date of the survey: 4th November 2016

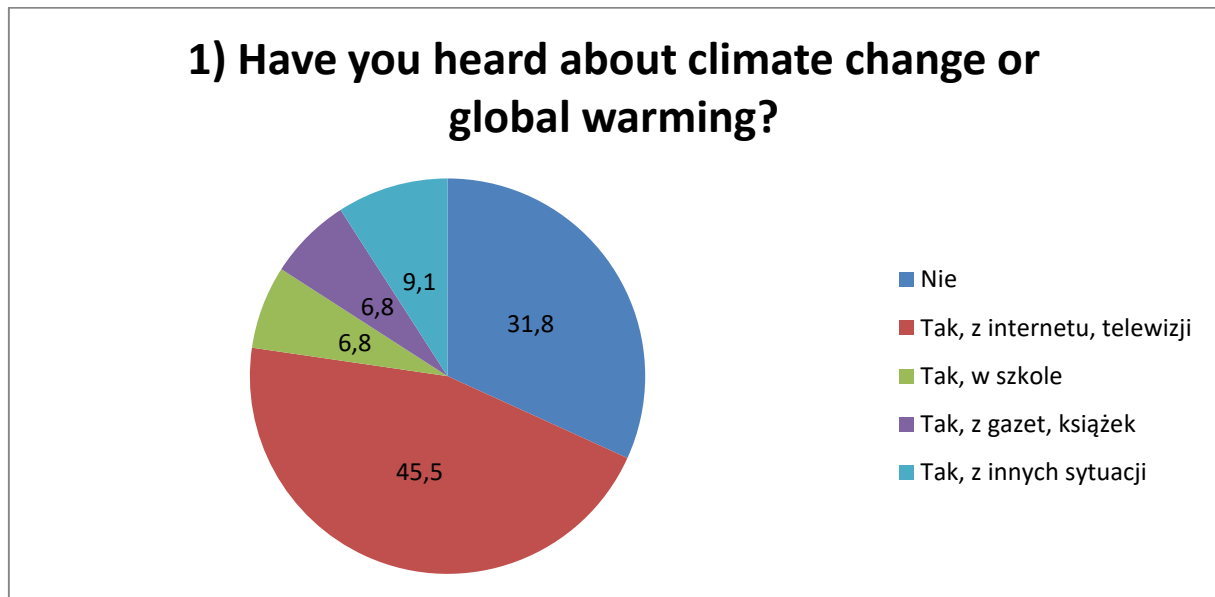
Number of students filling in the questionnaire: 44.

	Question	Number of students	Percentage
1	Have you heard about climate change or global warming?		
	No	14	31,8
	Yes, by Internet /TV	20	45,5
	Yes, at the school	3	6,8
	Yes, by newspapers, magazines and books	3	6,8
	a) Yes, in others situations	4	9,1
2	Answer True (T) or False (F)	T/F	/F
	Climate change is the same as the greenhouse effect	20/24	45,5/54,5
	Climate change is caused by an increased greenhouse effect	25/19	56,8/43,2
	The greenhouse effect is caused by climate change	27/17	61,4/38,6
	Climate change is due to the reduction of the ozone layer.	15/29	34,1/65,9
3	Which of the following are fossil fuels?		
	Oil	2	4,5
	Coal	19	43,2
	Natural gases	4	9,1
	All of the above	5	11,7
	A and b	4	9,1
	B and c	10	22,7
4	What happens when we burn fossil fuels?		
	Nothing		
	A huge fire		
	Oxygen is consumed and carbon dioxide is released into the atmosphere	1	2,3
	Carbon dioxide is consumed and oxygen is released in the air.	8	18,2
		29	65,9
		6	13,6
5	Which it is the main greenhouse gas?		
	Oxygen	5	11,4
	Carbon dioxide	15	34,1
	Ozone	17	38,6
	Methane	7	15,9
6	What do you think is the most ideal (average) temperature for the Earth?		
	-5 °C	2	4,5
	0 °C	8	18,2
	15 °C	32	72,8
	30 °C	2	4,5
7	Which country currently emits the most greenhouse gases?		
	China	15	34,1
	United States	16	36,4
	Germany	3	6,8
	India	10	22,7
8	Which of the following lightbulbs uses the least energy, and therefore results in fewer greenhouse gas emissions?		
	Incandescent	4	9,1
	Compact fluorescent	6	13,6
		8	18,2
		26	59,1

	Halogen LED		
9	Select the false answer. The result of the greenhouse effect is: The raise of the water level in seas and oceans. Numerous earthquakes and the formation of tsunamis. The raise of the average temperature of our planet. The melting of glaciers in the Arctic and Antarctic.	10 19 10 5	22,7 43,2 22,7 11,4
10	And what about rain? Mark the correct option. In many places it is increasing but becoming more torrential. And others are declining. In general it is declining across the Earth. No relationship between global warming and rain	31 6 7	70,5 13,6 15,9
11	Answer True (T) or False (F) Energy production from fossil fuels does not greatly influence in the global warming The production of renewable, solar or wind energy, helps to reduce the global warming. The use of electric power is not bad for the environment because it does not emit gases into the atmosphere The existence trees favors the reduction of carbon dioxide in the atmosphere through photosynthesis	T/F 12/32 26/18 21/23 35/9	T/F 27,2/72,8 59,1/40,9 47,7/52,3 79,5/205
12	Have you ever done anything consciously to reduce the effects of climate change? No Yes, for example - I save the energy - I dont use a car if it's not necessary	38 5 1	86,3 11,4 2,3

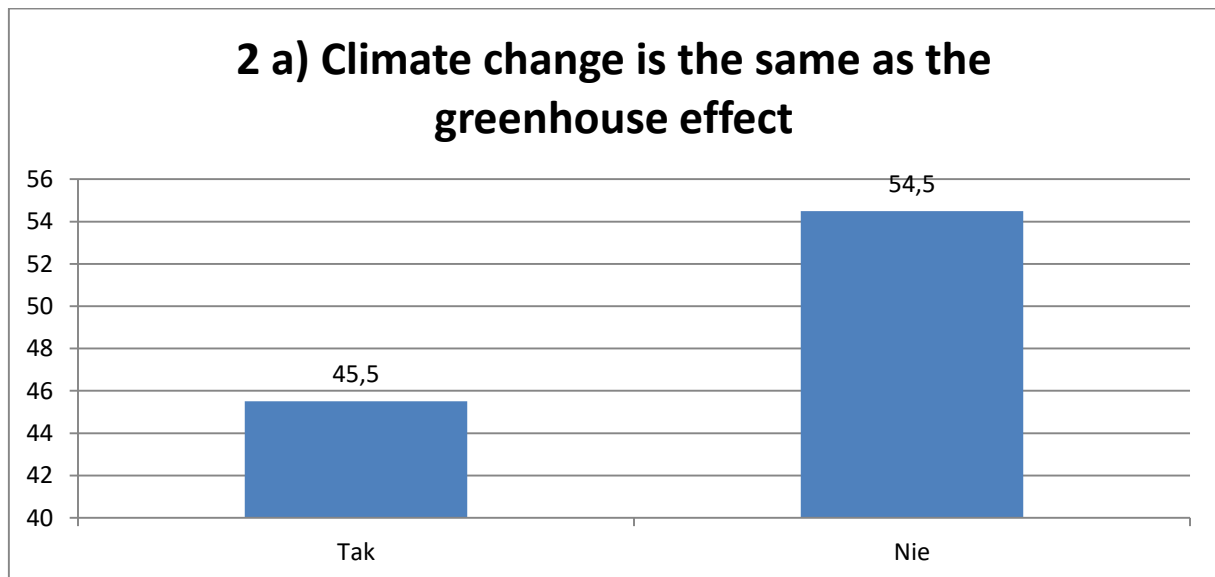
Results

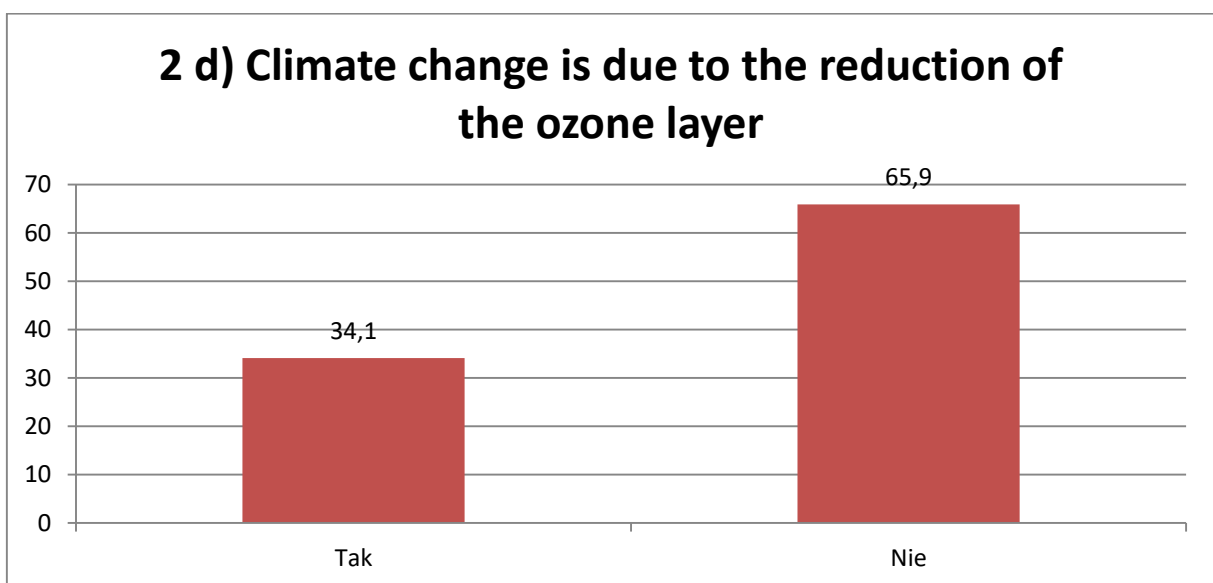
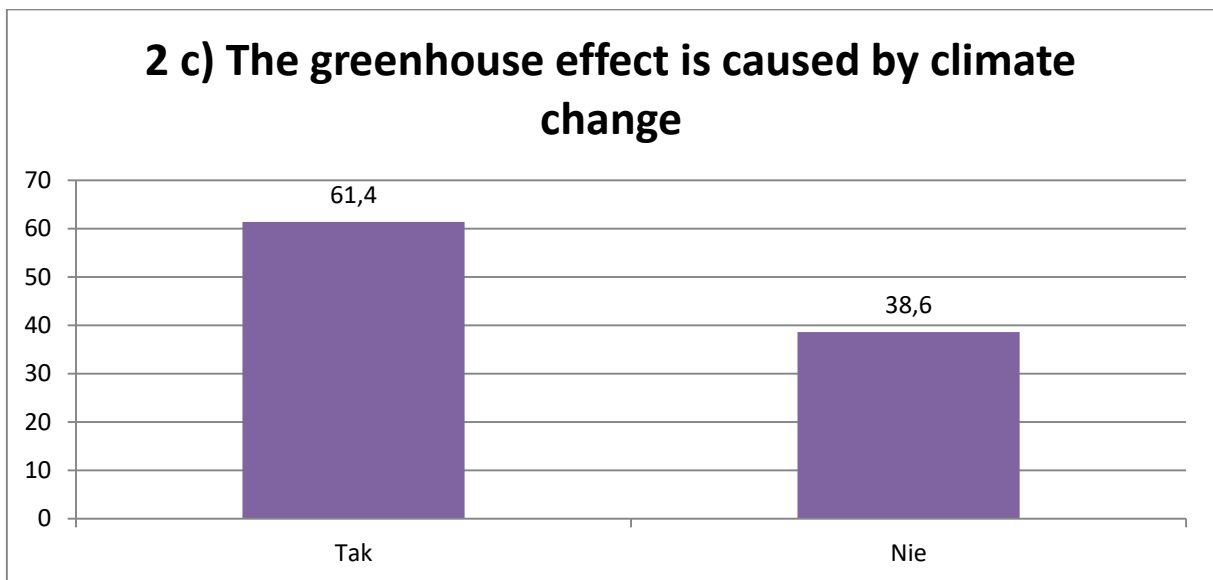
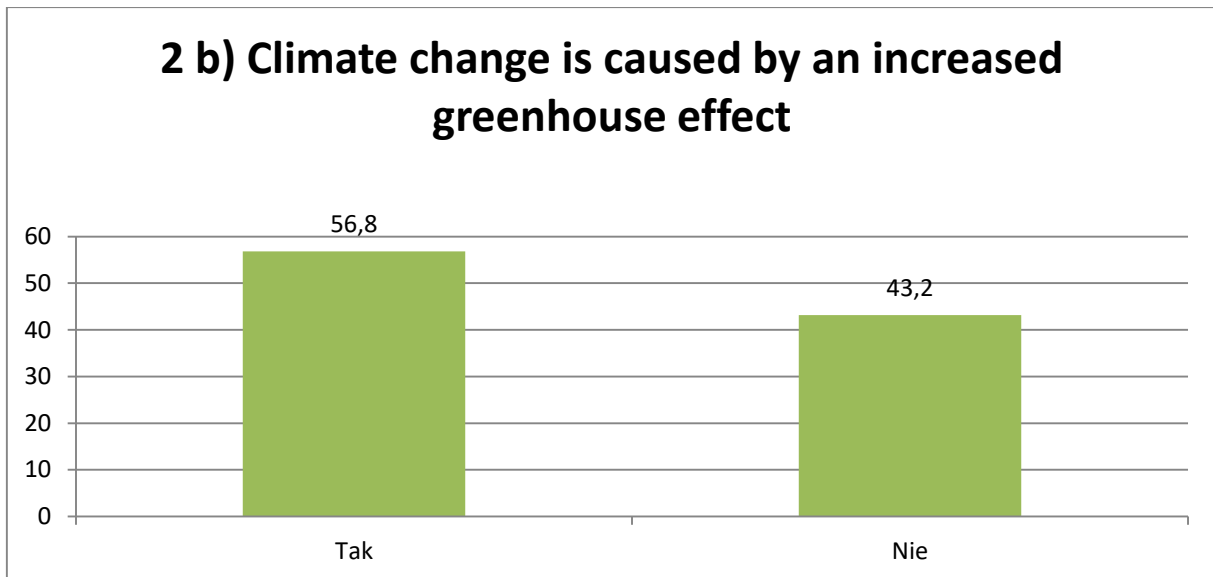
Question 1.



The main source of information about climate change is the internet. 1/3 haven't heard about the problem so far.

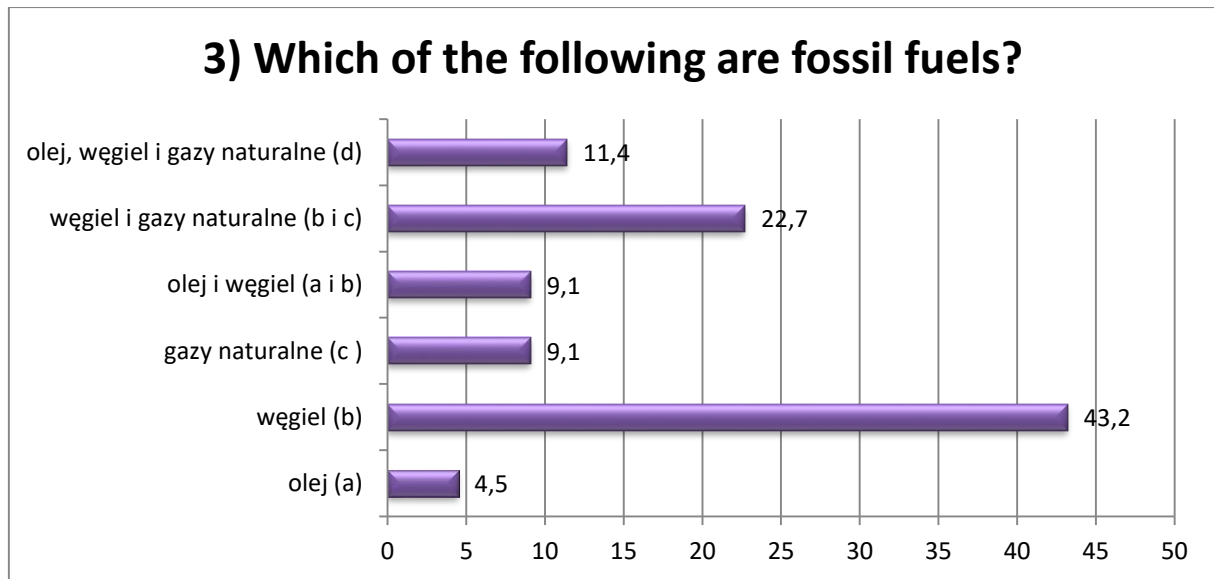
Question 2.





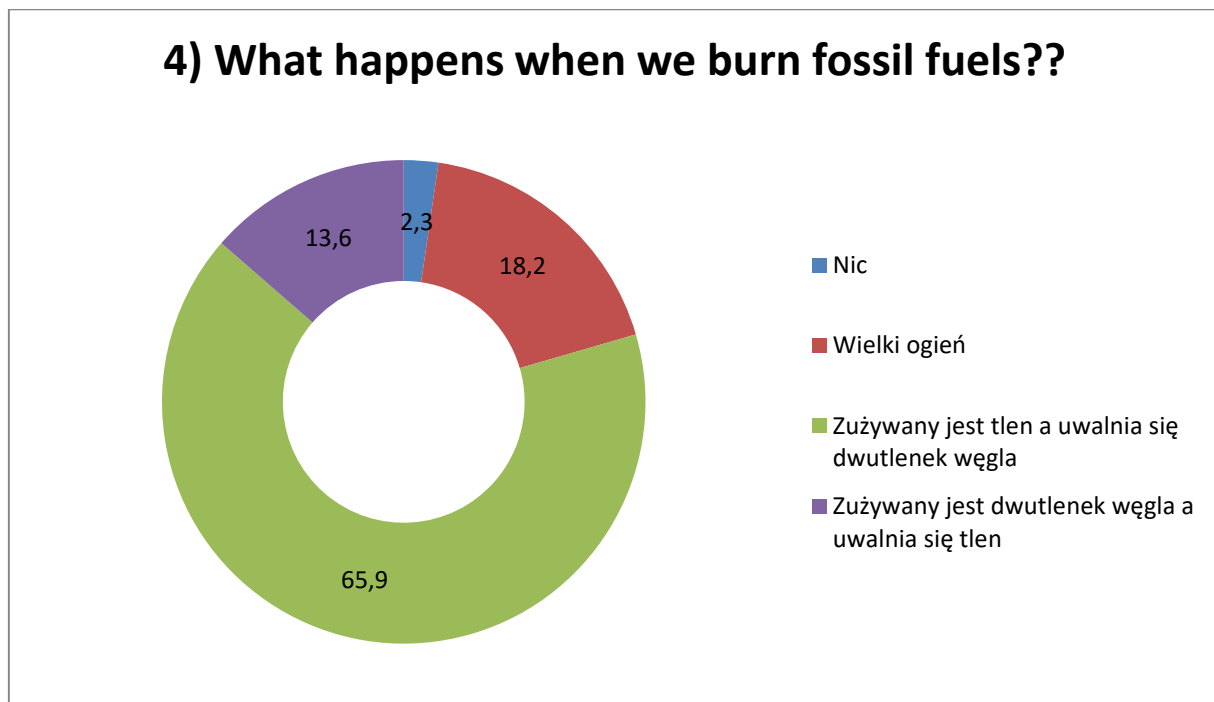
Students have problems with finding the differences between climate change and greenhouse effect.

Question 3.

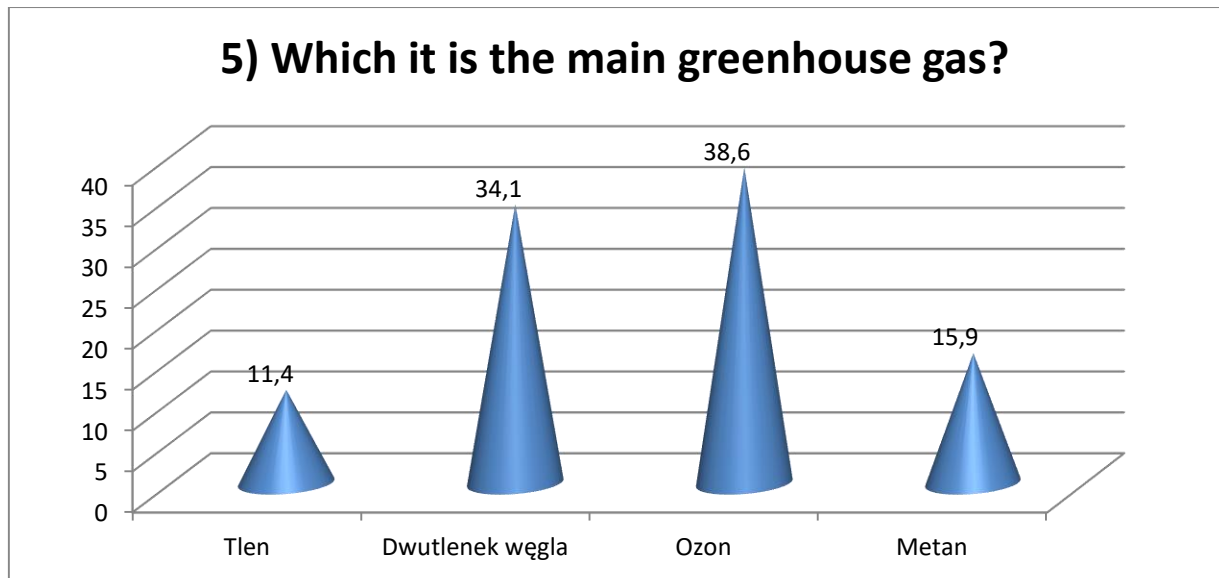


Students know just the most popular fossil fuels.

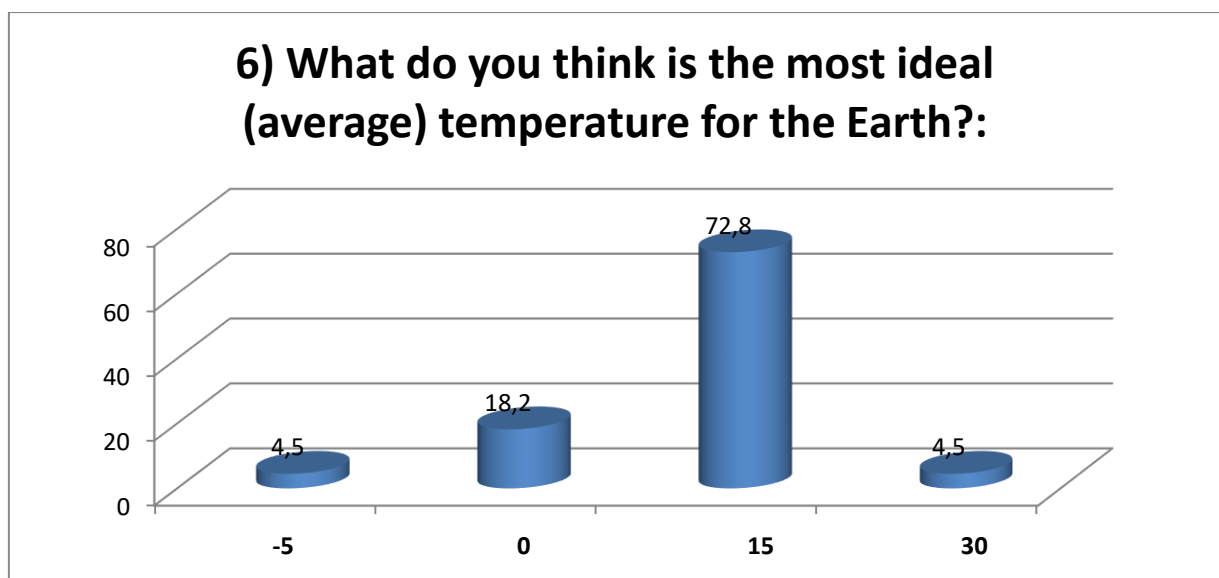
Question 4.



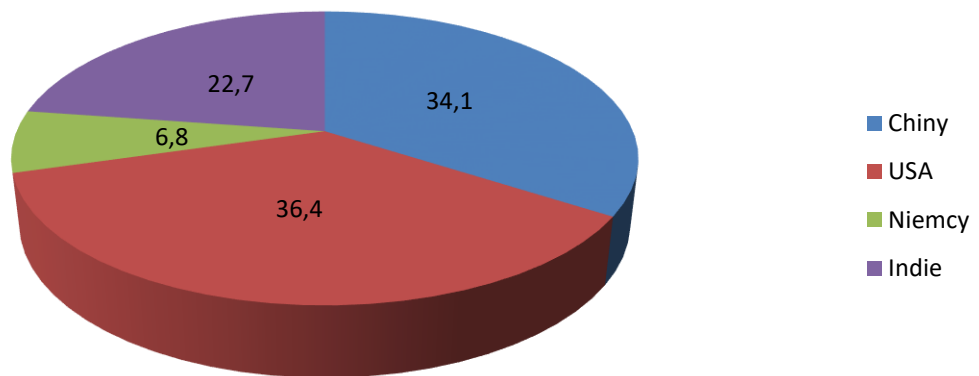
Students don't know a lot about burning fossil fuels. 1/5 don't know anything about the topic.

Question 5.

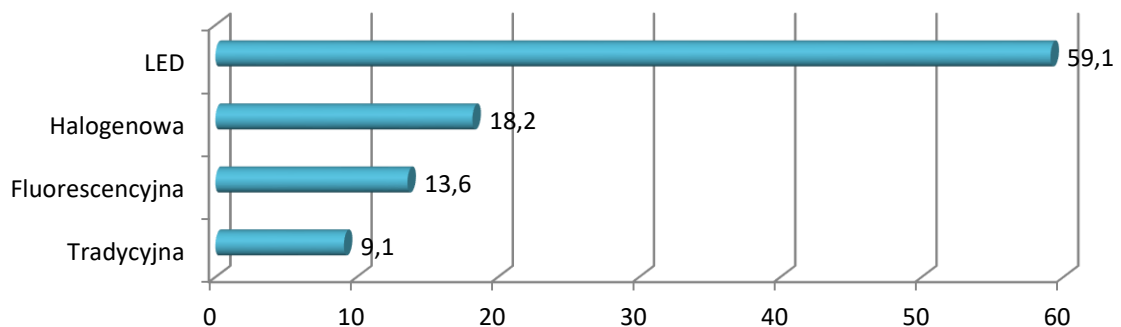
50% know about main greenhouse gases - 34,1% know also which is the most important gas in terms of global warming. Half of the students can't point out greenhouse gases.

Question 6.

2/3 students gave the right answers.

Question 7.**7) Which country currently emits the most greenhouse gases?**

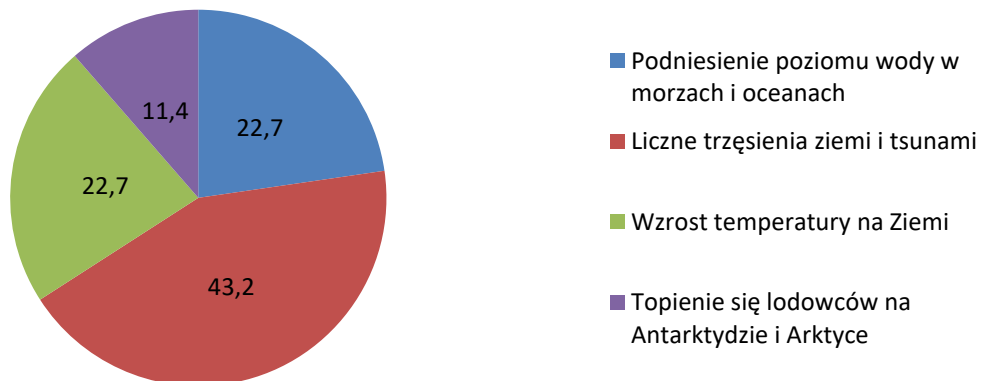
Only 1/3 of the students know the right answer.

Question 8.**8) Which of the following lightbulbs uses the least energy, and therefore results in fewer greenhouse gas emissions?**

Over half of the students gave the right answer.

Question 9.

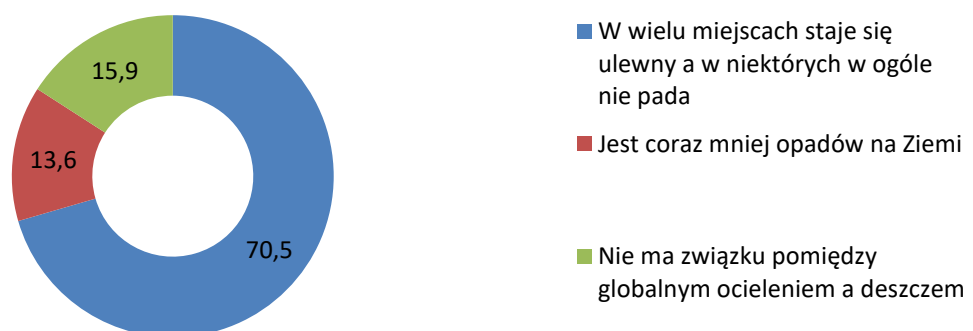
9) Select the false answer. The result of the greenhouse effect is:



Only 43,2% students know the results of greenhouse effect.

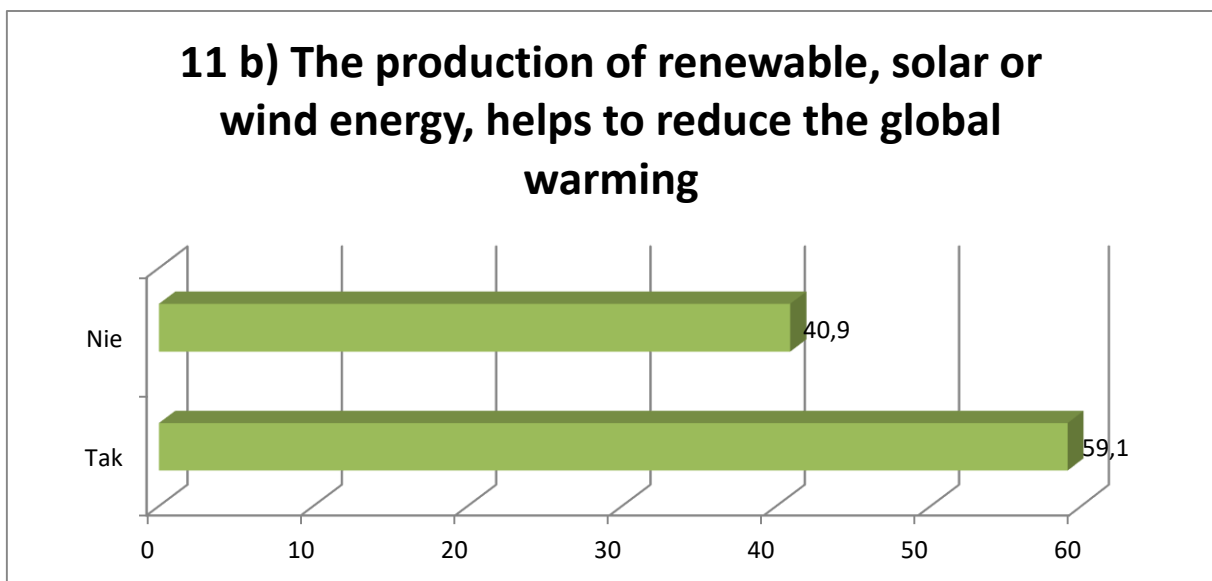
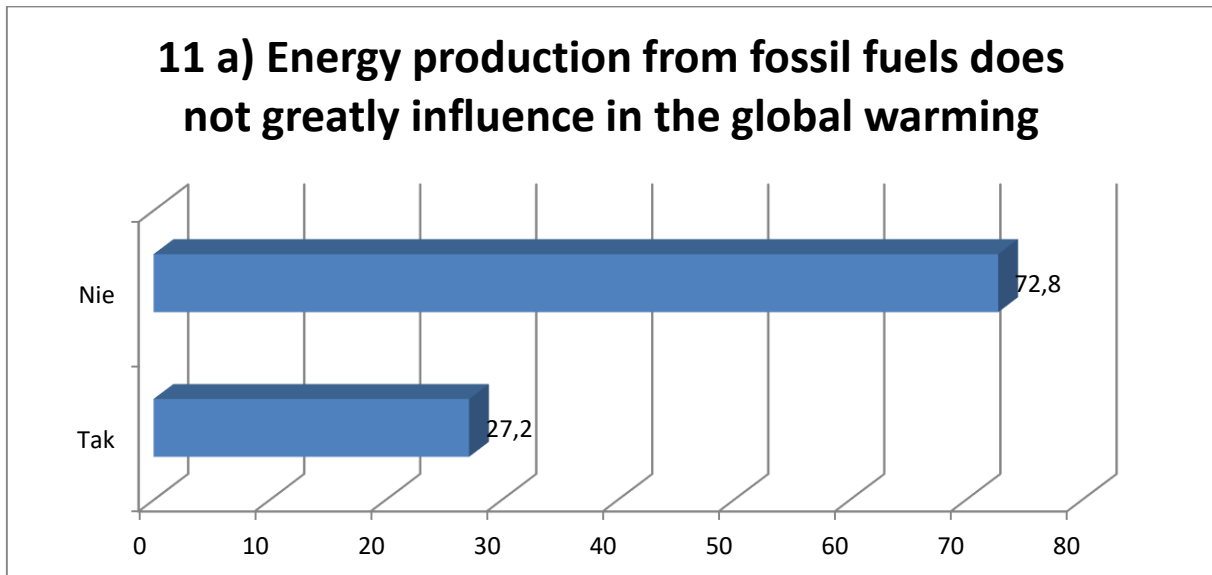
Question 10.

10) And what about rain? Mark the correct option:

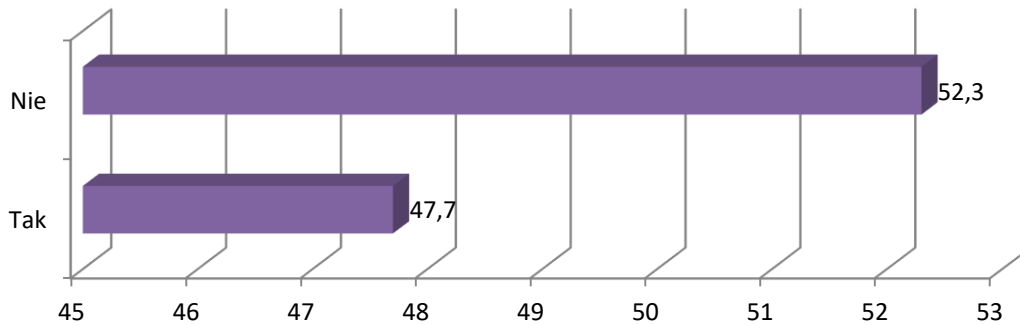


1/3 of the students can't see the link between the weather and climate change.

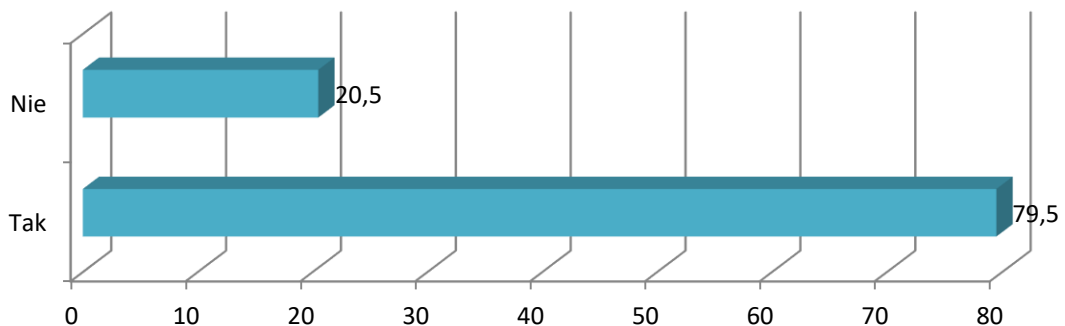
Question 11.



11 c) The use of electric power is not bad for the environment because it does not emit gases into the atmosphere

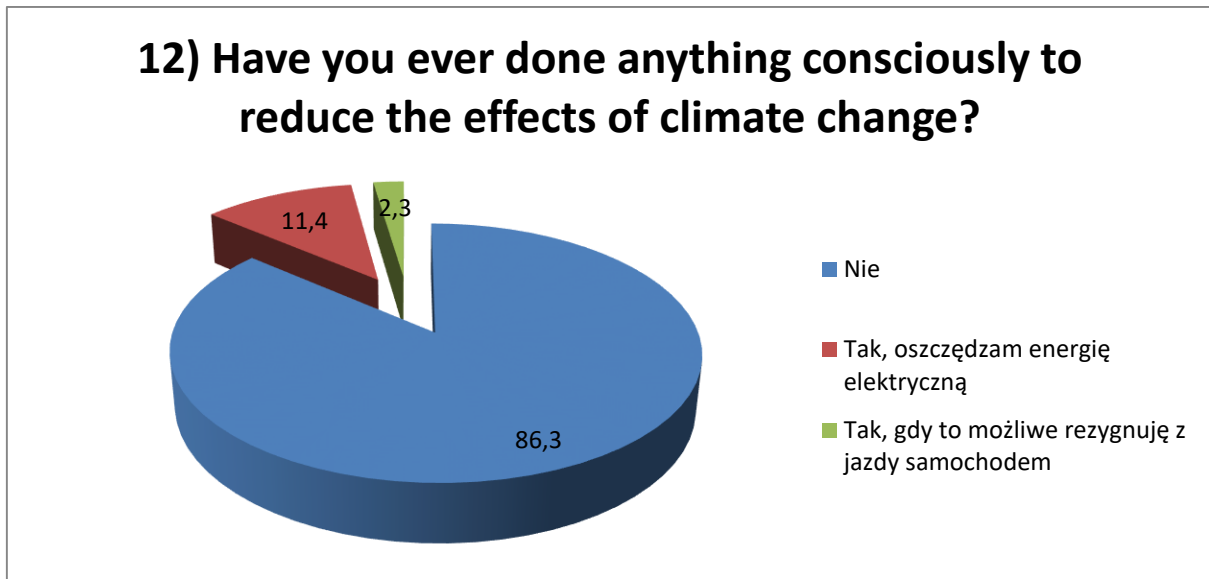


11 d) The existence trees favors the reduction of carbon dioxide in the atmosphere through photosynthesis



2/3 of the students know that energy production from fossil fuels is linked with global warming. 40,9% know anything about renewable sources of energy.

Question 12.



Only 13,7% of the students is aware of the need of reduction the effects of climate change.

