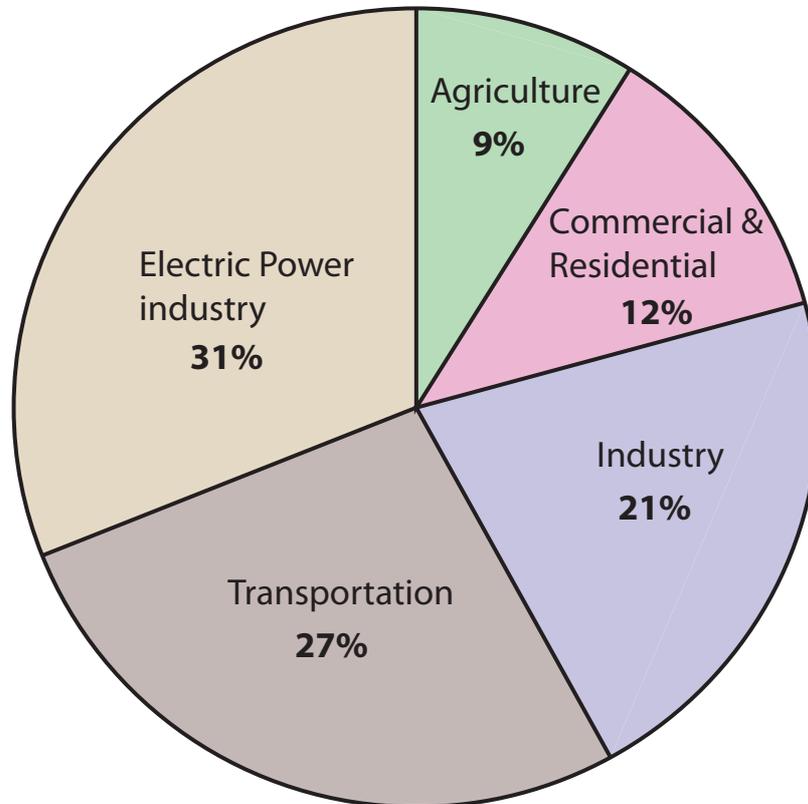


Ratio - Greenhouse Gas Emissions

Sheet 1

The total U.S Greenhouse Gas Emissions by the Economic sectors in 2013 is represented in the pie graph below. Read the graph and answer the questions that follow.



- 1) Find the ratio of green house gas emissions generated by the transportation sector to the emissions generated by the agricultural sector.

- 2) What is the ratio of green house gas emissions generated by the industrial sector to the emissions generated by the commercial and residential energy sector?

- 3) Find the ratio of the emissions generated by the agricultural sector to the emissions generated by the industrial sector.

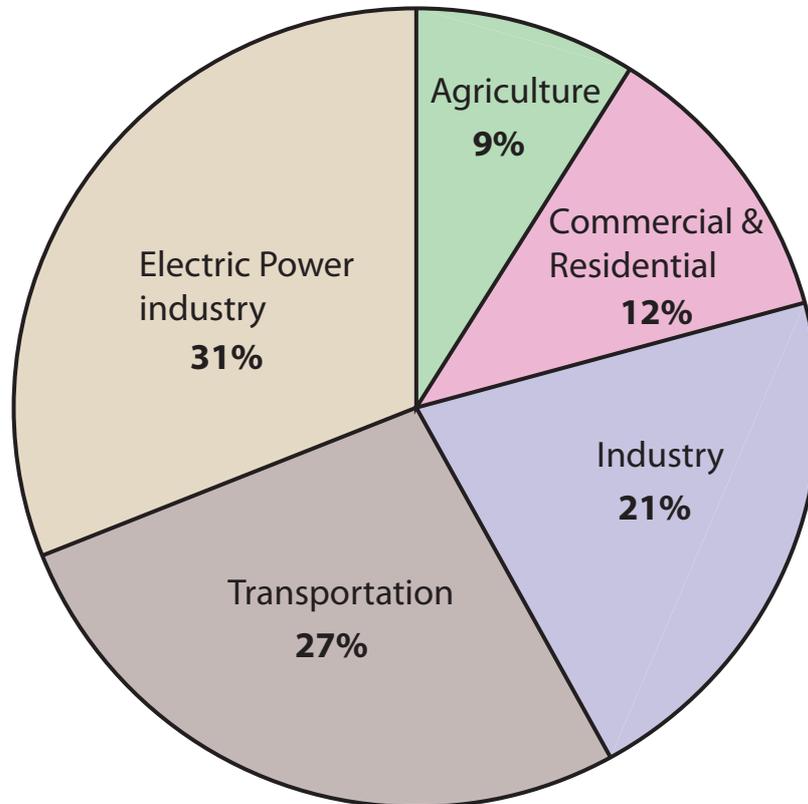
- 4) Identify the ratio between the economic sectors that generated the highest and the lowest green house gas emissions in 2013.

- 5) Find the ratio of green house gas emissions generated by the electric power sector to the total green house gas emissions generated by the entire economic sector.

Answer key**Ratio - Greenhouse Gas Emissions**

Sheet 1

The total U.S Greenhouse Gas Emissions by the Economic sectors in 2013 is represented in the pie graph below. Read the graph and answer the questions that follow.

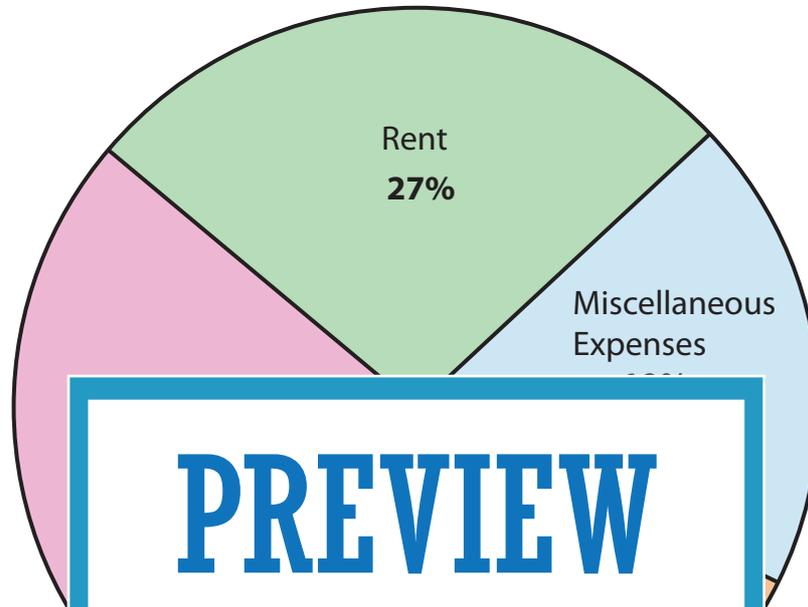


- 1) Find the ratio of green house gas emissions generated by the transportation sector to the emissions generated by the agricultural sector.
27 : 9 or 3 : 1
- 2) What is the ratio of green house gas emissions generated by the industrial sector to the emissions generated by the commercial and residential energy sector?
21 : 12 or 7 : 4
- 3) Find the ratio of the emissions generated by the agricultural sector to the emissions generated by the industrial sector.
9 : 21 or 3 : 7
- 4) Identify the ratio between the economic sectors that generated the highest and the lowest green house gas emissions in 2013.
31 : 9
- 5) Find the ratio of green house gas emissions generated by the electric power sector to the total green house gas emissions generated by the entire economic sector.
31 : 100

Ratio - Monthly Expenditure

Sheet 2

Represented in the pie graph below are the monthly expenses and savings of the Adam's family. Read the data and answer the questions that follow.



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- 1) What is the ratio of the expenditure on rent by the Adam's family to the entire monthly expenditure?

- 2) Find the ratio of the expenditure on rent and miscellaneous expenses to the expenditure on food and clothes.

- 3) What is the ratio of the savings of the Adam's family to the entire monthly expenditure. Write the ratio in simplest form.

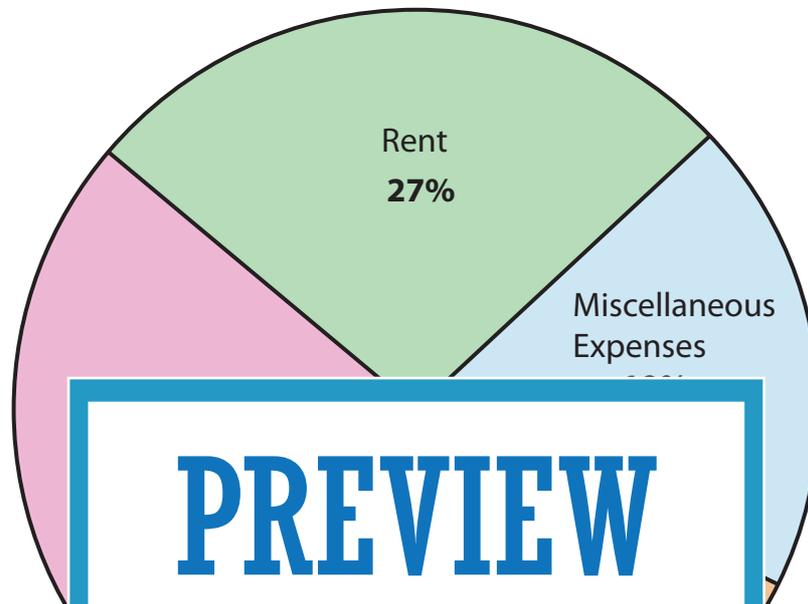
- 4) Find the ratio of the expenditure on rent and miscellaneous expenses to the expenditure on food and clothes.

- 5) If the savings of the Adam's family goes up by 2%, what will be the ratio of savings to the entire monthly expenditure?

Answer key**Ratio - Monthly Expenditure**

Sheet 2

Represented in the pie graph below are the monthly expenses and savings of the Adam's family. Read the data and answer the questions that follow.

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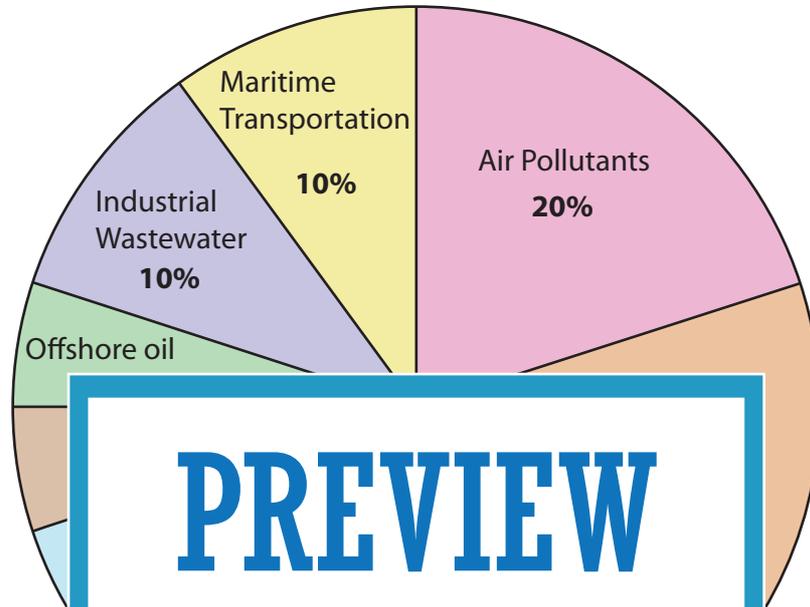
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- 1) What is the ratio of the expenditure on rent by the Adam's family to the expenditure on miscellaneous expenses?
36 : 27 or 4 : 3
- 2) Find the ratio of the expenditure on rent and miscellaneous expenses to the expenditure on food and clothes.
10 : 92 or 5 : 46
- 3) What is the ratio of the expenditure on rent and miscellaneous expenses to the expenditure on savings. Write the ratio in simplest form.
8 : 92 or 2 : 23
- 4) Find the ratio of the expenditure on rent and miscellaneous expenses to the expenditure on food and clothes.
46 : 46 or 1 : 1
- 5) If the savings of the Adam's family goes up by 2%, what will be the ratio of savings to the entire monthly expenditure?
10 : 90 or 1 : 9

Ratio - Pollutants

The pie graph below represents major pollutants that enter the ocean. Read the data and answer the questions that follow.



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1) What is the ratio of _____

2) Identify the ocean _____

3) What is the ratio of _____

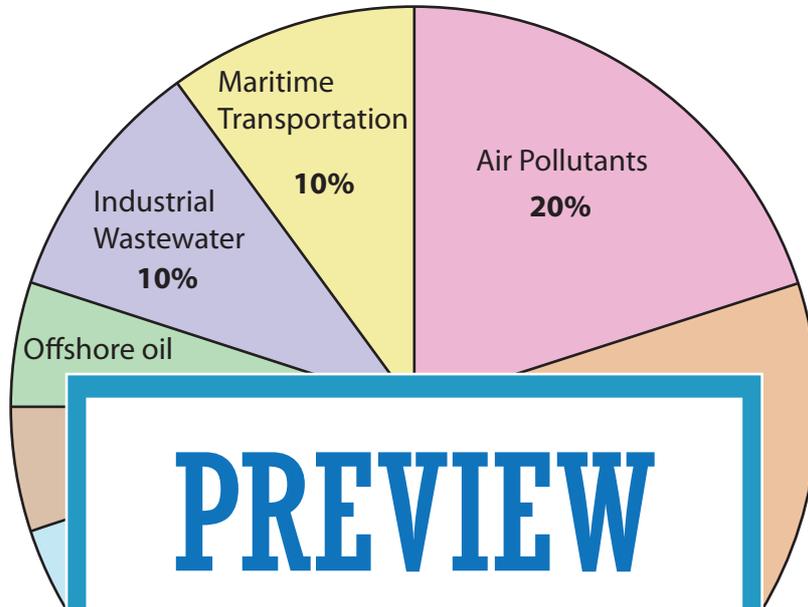
4) How many equivalent ratios are present in the pie chart?

5) What is the ratio of the air pollutants to the all other pollutants entering the ocean?

Answer key

Ratio - Pollutants

The pie graph below represents major pollutants that enter the ocean. Read the data and answer the questions that follow.



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1) What is the ratio of _____

2) Identify the ocean _____

Offshore oil pollution

3) What is the ratio of _____

25 : 15 or 5 : 3

4) How many equivalent ratios are present in the pie chart?

Three equivalent ratios

5) What is the ratio of the air pollutants to the all other pollutants entering the ocean?

20 : 80 or 1 : 4