The circle graph below shows the breakdown of energy sources in Indiana in 2018.

Energy consumption in Indiana, 2018

Renewable energy 8%

Petroleum 16%

Coal 40%

Natural gas 36%

1. Which energy source did our state use the most?

2. Which energy source did Indiana use $\frac{1}{5}$ as much as coal?

3. Petroleum, natural gas, and coal are called fossil fuels and formed from the remains of plants and animals. What percentage do fossil fuels make up?

4. Convert each portion to decimals and fractions. Write fractions in simplest form.

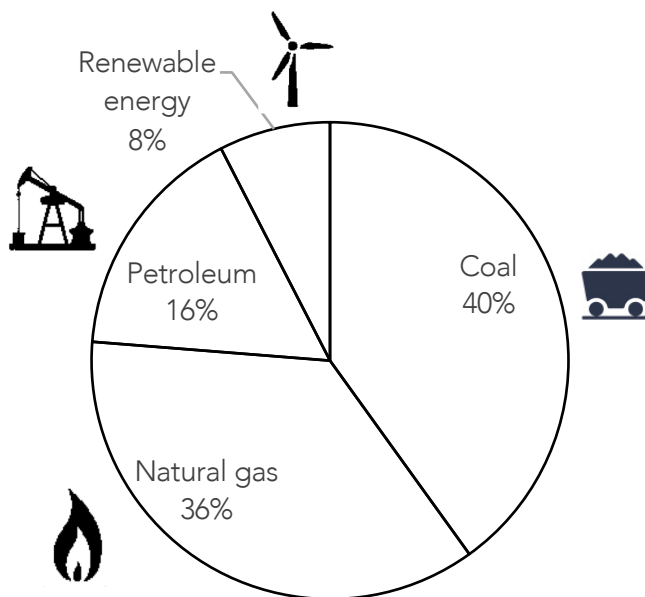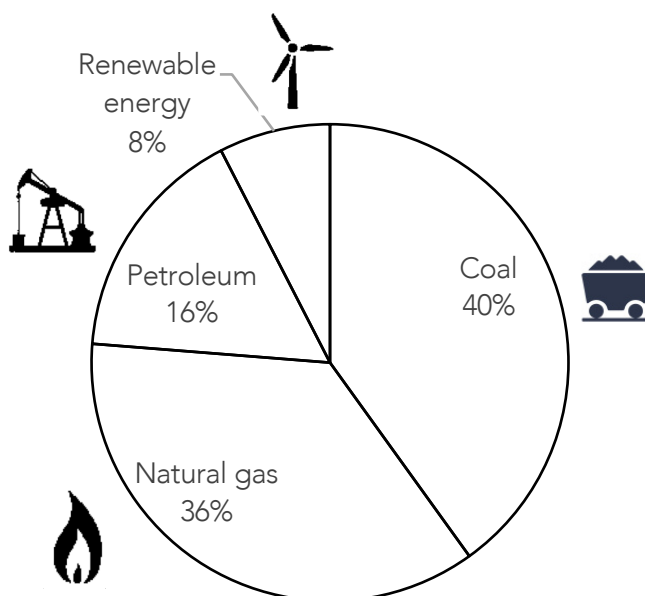|	Percents	Fractions	Decimals
Coal			
Natural gas			
Petroleum			
Renewable energy			

Answer Key

The circle graph below shows the breakdown of energy sources in Indiana in 2018.

Energy consumption in Indiana, 2018

1. Which energy source did our state use the most?

Coal

2. Which energy source did Indiana use $\frac{1}{5}$ as much as coal?

Renewable energy

3. Petroleum, natural gas, and coal are called fossil fuels and formed from the remains of plants and animals. What percentage do fossil fuels make up?

$40 + 36 + 16 = 92$ (%)

4. Convert each portion to decimals and fractions. Write fractions in simplest form.

	Percents	Fractions	Decimals
Coal	40	$\frac{2}{5}$	0.4
Natural gas	36	$\frac{9}{25}$	0.36
Petroleum	16	$\frac{4}{25}$	0.16
Renewable energy	8	$\frac{2}{25}$	0.08