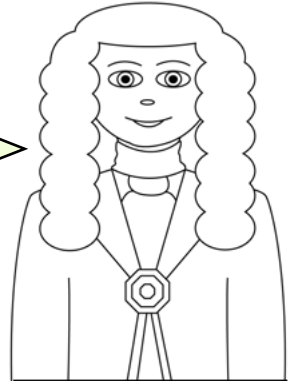


Name: _____ Date: _____



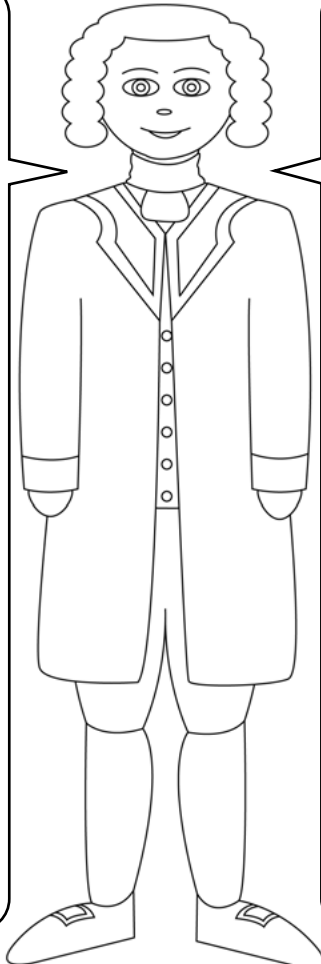
My name is **John Wickins**. I live with Isaac Newton and help him with his experiments. I remind him to eat and sleep when he is busy with his work.

My name is **Robert Hooke**. I am an important man in the Royal Society. I don't think Isaac's ideas about light are right. Isaac says he invented the reflecting telescope but it was me. I am a better scientist than Isaac.



What do you think Isaac Newton would have said about these two people and why? Fill in the speech bubbles.

I think John Wickins is...



I think Robert Hooke is...

Name: _____ **Date:** _____

Read the information about people Isaac Newton knew. Fill in this table to show who he liked and didn't like, and why.

Name	Like	Dislike	Why?
John Wickins			
Isaac Barrow			
Robert Hooke			
Edmund Halley			
Gottfried Leibniz			

Choose a friend who is special to you and describe why you are friends.



Name: _____ **Date:** _____

Answer these questions and then complete the table to show people Isaac Newton liked and disliked, and why.

Why do you think Isaac Newton found it hard to make friends?

Why do you think Isaac didn't tell many people about his discoveries?

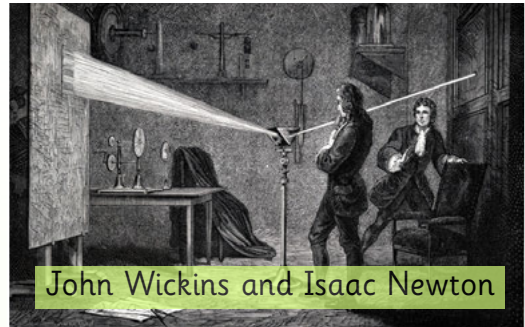
Do you think having friends is important? Why?

Name	Like	Dislike	Why?
John Wickins			
Isaac Barrow			
Robert Hooke			
Edmund Halley			
Gottfried Leibniz			

Isaac Newton: Friends and Foes

One of Isaac's closest friends was **John Wickins**.

They met in Isaac's 3rd year at university. They shared a house for the next 20 years. John helped Isaac set up his experiments. He also made sure that Isaac remembered to eat and sleep when he was busy with work.



John Wickins and Isaac Newton

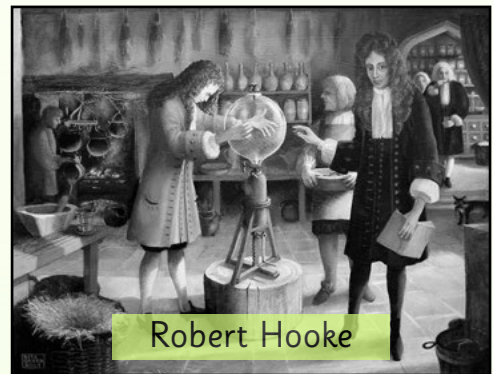


Isaac Barrow

Professor Isaac Barrow was Isaac's boss when he finished his degree. He was impressed with his work so made him his assistant. When Barrow left, he said Isaac Newton should become the new professor. He also told the Royal Society about Isaac's reflecting telescope.

Robert Hooke was a bit older than Isaac Newton.

He was in charge of checking all the new experiments at the Royal Society. He decided that Isaac's ideas did not work. He also claimed he invented the reflecting telescope before Isaac did, but he had no evidence to prove this. Isaac didn't like Robert very much.



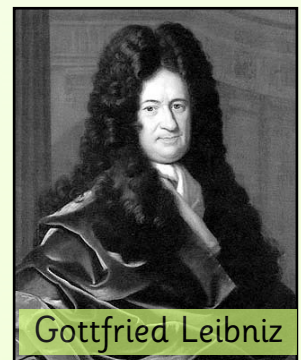
Robert Hooke



Edmund Halley

Edmund Halley was an astronomer, someone who looked at the stars and planets. Halley's comet is named after him because he was the first to work out how often it would fly past Earth. He went to see Isaac at Cambridge to ask him about the movement of the moon. He was surprised to find out that Isaac had worked gravity out many years before but never published anything. Edmund persuaded Isaac to write a book about it, and even paid for the book to be published.

Gottfried Leibniz was a German scientist. He published his method of doing calculus in 1684. Isaac had worked it out before this but he had never published his work. He thought that Gottfried had stolen his ideas and was trying to say he came up with them first. Isaac said he first invented calculus in 1666, whereas Gottfried said he started in 1675.



Gottfried Leibniz

Isaac Newton

- You find it difficult to make friends.
- You don't like Robert Hooke or Gottfried Leibniz because you think they stole your ideas.
- John Wickins is your best friend.

John Wickins

- Isaac Newton is your best friend.
- You help him with his experiments.
- You take care of him when he is very busy with his work.

Robert Hooke

- You are in charge of checking experiments at the Royal Society.
- You don't think Isaac Newton's ideas about light are correct.
- You claim it was you and not Isaac Newton who invented the reflecting telescope.

Professor Isaac Barrow

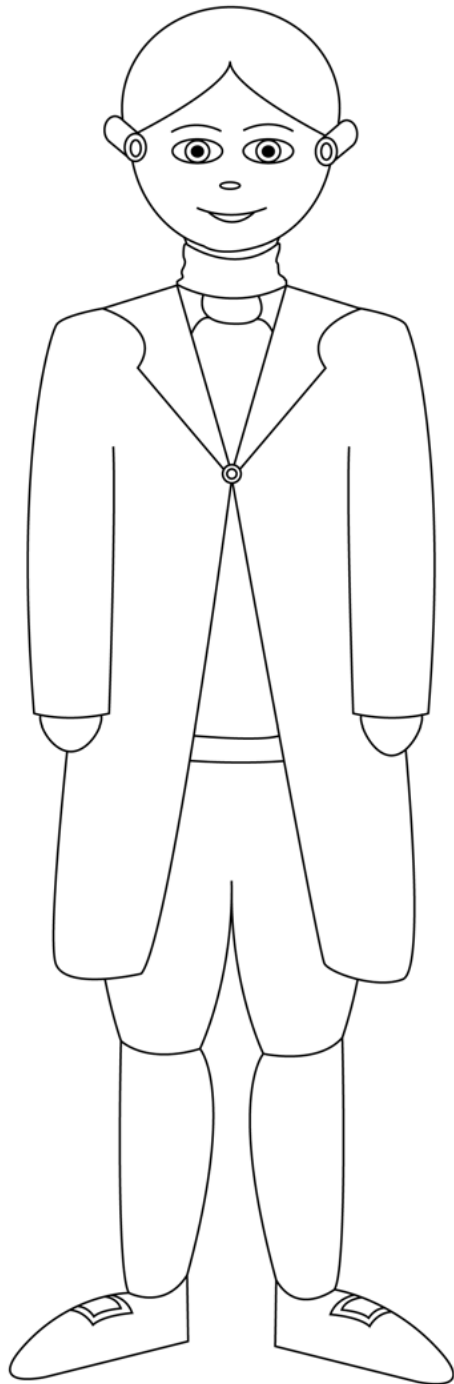
- You are Isaac Newton's boss.
- You think Isaac Newton should become professor after you because he is so clever.
- You told the Royal Society about Isaac's reflecting telescope.

Edmund Halley

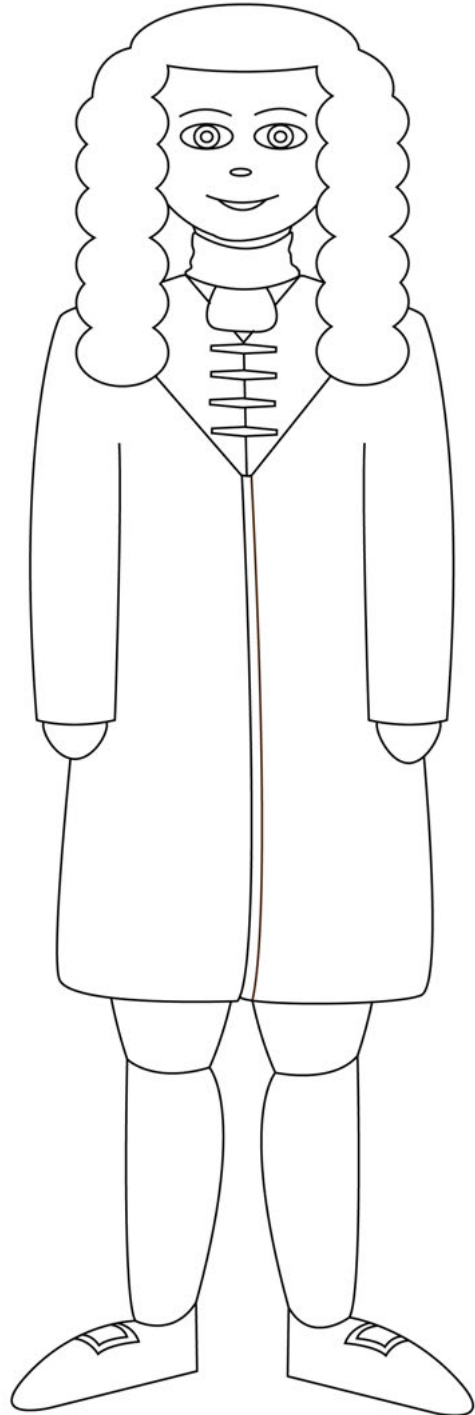
- You are an astrologer. You study the planets and stars.
- You liked Isaac's ideas about gravity.
- He persuaded Isaac to publish a book about it and even paid for it.

Gottfried Leibniz

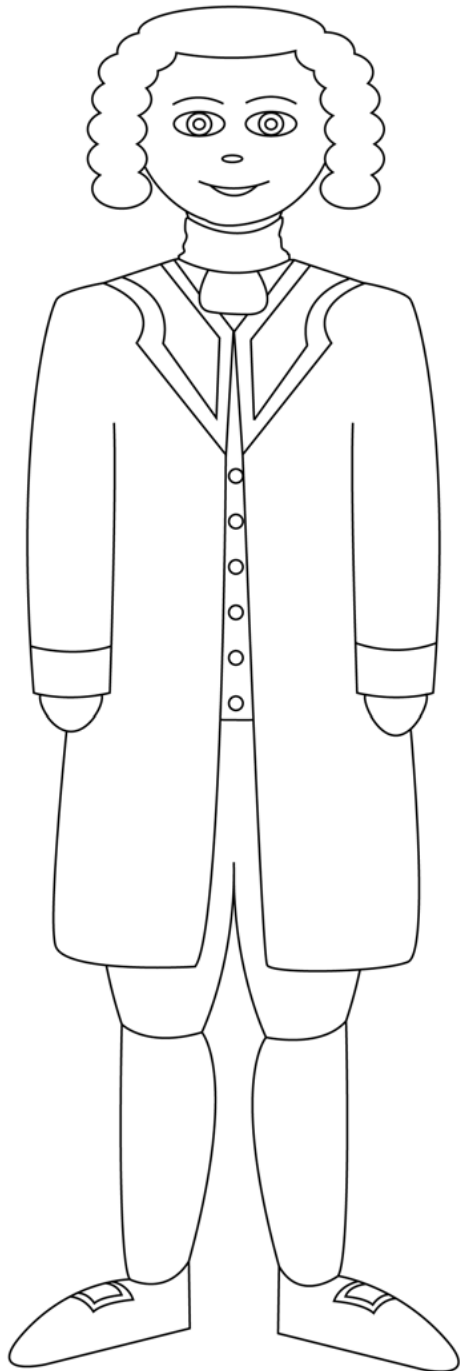
- You are a German scientist.
- You claim it was you and not Isaac who worked out a new kind of maths called calculus.
- You want the credit for inventing calculus even though Isaac worked it out before you.

Isaac Newton

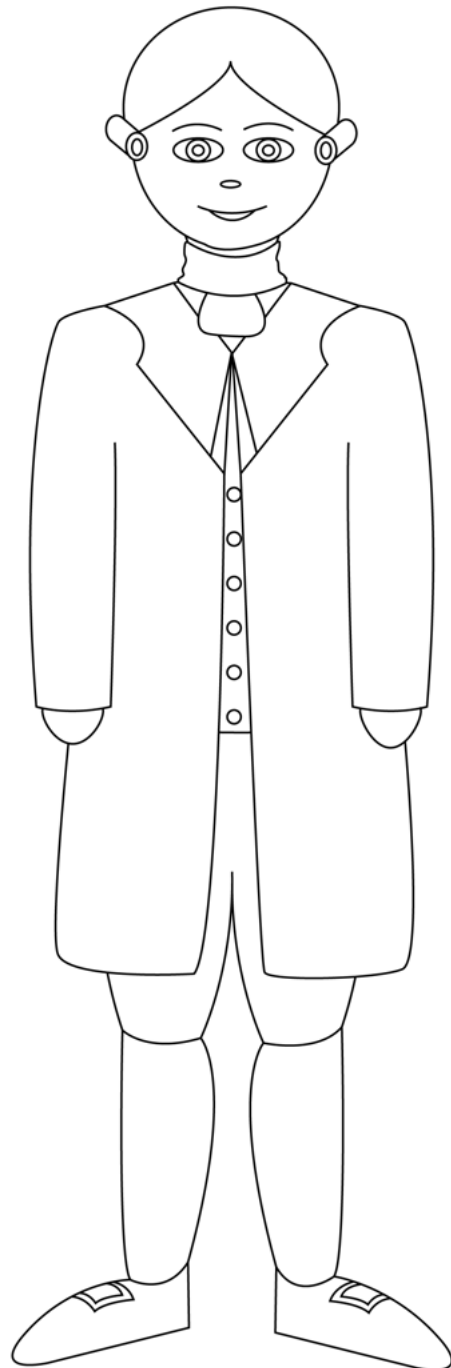
Colour in the picture then cut it out. Attach a stick at the back to make it into a puppet.

Professor Isaac Barrow

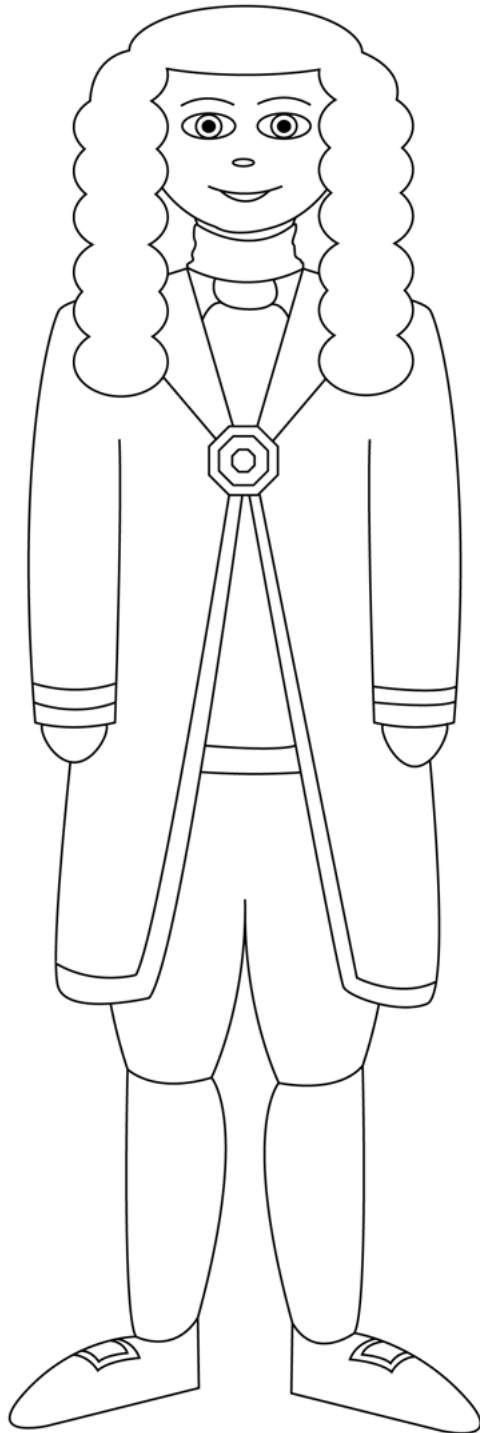
Colour in the picture then cut it out. Attach a stick at the back to make it into a puppet.

Robert Hooke

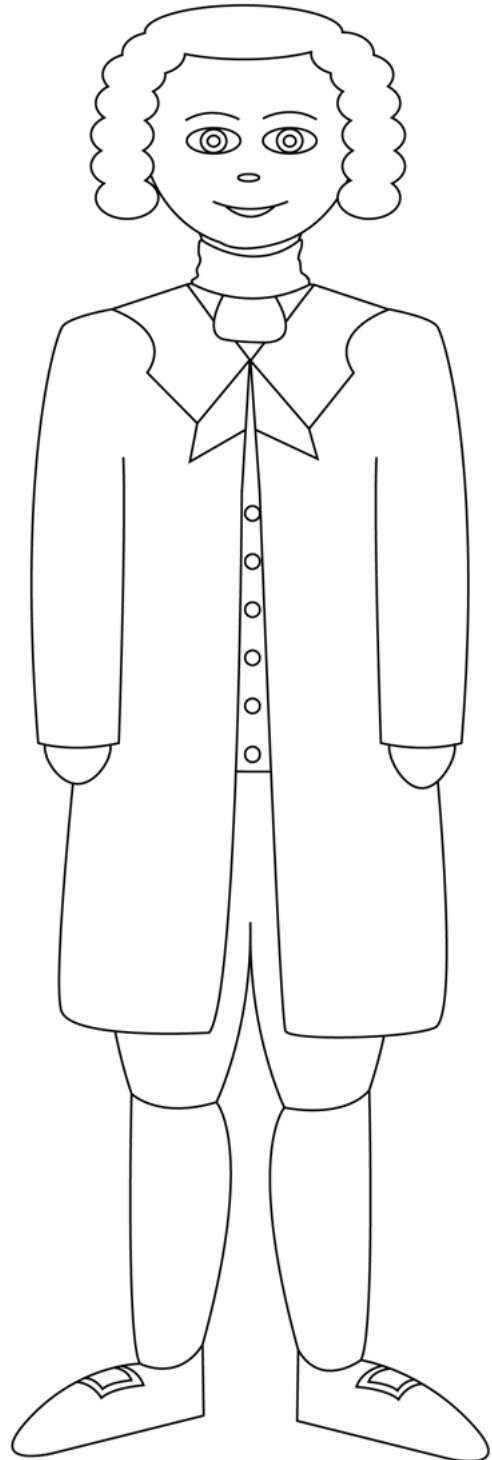
Colour in the picture then cut it out. Attach a stick at the back to make it into a puppet.

John Wickins

Colour in the picture then cut it out. Attach a stick at the back to make it into a puppet.

Gottfried Leibniz

Colour in the picture then cut it out. Attach a stick at the back to make it into a puppet.

Edmund Halley

Colour in the picture then cut it out. Attach a stick at the back to make it into a puppet.

Name: _____ **Date:** _____

Name	Like	Dislike	Why?
John Wickins	X		They were best friends, John helped with his experiments, and took care of Isaac.
Isaac Barrow	X		He was his boss and he liked Isaac's work. He helped tell other people about Isaac's work.
Robert Hooke		X	He didn't think Isaac's ideas worked. He claimed he invented the reflecting telescope before Isaac did.
Edmund Halley	X		Edmund liked Isaac's ideas about gravity and paid for him to write a book about it.
Gottfried Leibniz		X	Isaac thought Leibniz had stolen his ideas about calculus.