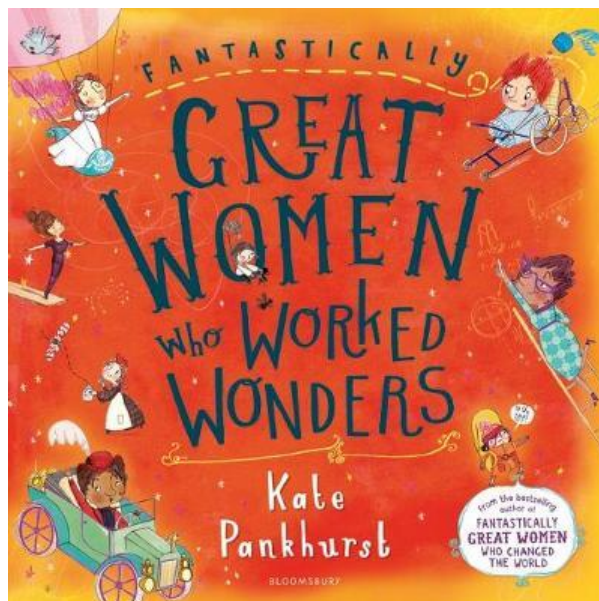


Key stage 2

English reading

Reading answer booklet

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						
DfE number						



**These questions are about the 'Katherine Johnson' extract from the book
'Fantastically Great Women who Worked Wonders'.**

1. Look at the first paragraph.
What was Katherine Johnson's profession?

1 mark

2. According to this text, what effect did segregation laws have?

1 mark

3. Look at the first paragraph.
Find and copy the phrase that shows Katherine was good at her job.

1 mark

4. According to the text, why were people employed as computers?

1 mark

5. *NASA employed lots of women...*
What does the word *employed* mean in this sentence?

Tick **one**.

- | | |
|---------------------|--------------------------|
| volunteered | <input type="checkbox"/> |
| paid for their work | <input type="checkbox"/> |
| interviewed | <input type="checkbox"/> |
| educated | <input type="checkbox"/> |

1 mark

6. *Women were rarely considered for these top jobs...*

(a) Explain what this sentence means.

1 mark

(b) What does this suggest about what some people thought about women in the past?

1 mark

7. Which two countries were competing to be the first to explore space in the Space Race?

1 mark

8. Look at the paragraph beginning: ***"Lots of the way things worked at NASA..."***
What does this paragraph suggest about Katherine's beliefs?

2 marks

9. Number these events from Katherine Johnson's life from 1-4 in the order in which they happen.

The first one has been done for you.

An astronaut preferred Katherine's work to a computer's to help his mission succeed.

Katherine had her research published.

Katherine's maths helped send the first American into space.

Katherine was employed by NASA.

1 mark

10. Look at the second page of the text.
Find and copy one word which means the same as 'many'.

1 mark

11. Find and copy 2 words or phrases that the author has used to describe Katherine that link her to space.

1. _____

2. _____

2 marks

12. Katherine was discriminated against because of the colour of her skin.
What else was she discriminated against because of?

Tick **one**.

gender

disability

age

height

13. Katherine Johnson was a good role model for women at the time.
Explain two ways that this statement is **true**, giving evidence from the text to support your answer.

3 marks

Mark Scheme – Katherine Johnson

1. Look at the first paragraph.
What was Katherine Johnson's profession?

Mathematician

2. According to this text, what effect did segregation laws have?

They stopped black people from having the same opportunities as white people.

3. Look at the first paragraph.
Find and copy the phrase that shows Katherine was good at her job.

extraordinarily talented

4. According to the text, why were people employed as computers?

Because computers had not been developed yet.

5. *NASA employed lots of women...*
What does the word *employed* mean in this sentence?

Tick **one**.

**paid for their
work**

6. *Women were rarely considered for these top jobs...*
(a) Explain what this sentence means.

They did not usually employ women for those jobs.

- (b) What does this suggest about what some people thought about women in the past?

It suggests that they didn't think women could do it/women could not do the job as well as men could/men were better than women.

7. Which two countries were competing to be the first to explore space in the Space Race?

USA and Soviet Union (or Russia)

8. Look at the paragraph beginning: *"Lots of the way things worked at NASA..."*
What does this paragraph suggest about Katherine's beliefs?

2 marks for answer + evidence

It shows that she thought women were treated unfairly/She thought NASA were wrong/She thought women were equal to men.

9. Number these events from Katherine Johnson's life from 1-4 in the order in which they happen.
The first one has been done for you.

An astronaut preferred Katherine's work to a computer's to help his mission succeed. 4

Katherine had her research published. 2

Katherine's maths helped send the first American into space.

3

Katherine was employed by NASA.

1

10. Look at the second page of the text.

Find and copy one word which means the same as 'many'.

countless

12. Find and copy 2 words or phrases that the author has used to describe Katherine that link her to space.

bright star

shine

shining

2 marks

13. Katherine was discriminated against because of the colour of her skin.

What else was she discriminated against because of?

Tick **one**.

gender

13. Katherine Johnson was a good role model for women at the time.

Explain two ways that this statement is **true**, giving evidence from the text to support your answer.

3 marks for 2 answers + 1 evidence

- **She showed that women could have careers in Science and Maths**
- **She fought for her rights**
- **She was determined**
- **She showed women it was possible to be successful**
- **She became one of the first women to have her research published**
- **She changed people's thoughts on men and women**
- **She was a vital part in the Space Race**
- **She was very successful at her job**