

**Q5 (Problem Solving) Day 4 Name:** \_\_\_\_\_

---

1. Four boys named Sam, John, Derek and Michael are standing in **order of increasing height**.

- John is taller than Michael
- Michael is taller than Derek
- Sam is taller than John
- Sam is taller than Derek

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

2. Four girls named Gemma, Rachel, Monica and Isla are standing in **order of increasing height**.

- Monica is taller than Gemma
- Rachel is taller than Isla
- Gemma is taller than Isla
- Monica is taller than Rachel
- Rachel is taller than Gemma

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

3. Four boys named Pat, Barney, Toby and Aaron are standing in **order of increasing height**.

- Aaron is taller than Barney
- Toby is taller than Pat
- Pat is taller than Barney
- Aaron is taller than Toby

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

4. Four girls named Clare, Jen, Lizzy and Hannah are standing in **order of increasing height**.

- Jen is taller than Lizzy
- Clare is taller than Hannah
- Jen is taller than Clare
- Lizzy is taller than Hannah
- Clare is taller than Lizzy

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

5. Four boys named Matthew, Conor, Ross and Ethan are standing in **order of increasing height**.

- Matthew is taller than Conor
- Ethan is taller than Matthew
- Ross is taller than Matthew
- Ethan is taller than Ross

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

6. Four girls named Zara, Elaine, Emma and Olivia are standing in **order of increasing height**.

- Elaine is taller than Zara
- Olivia is taller than Emma
- Emma is taller than Zara
- Elaine is taller than Olivia

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

7. Four boys named Liam, Mason, Jacob and William are standing in **order of increasing height**.

- Mason is taller than Jacob
- William is taller than Jacob
- Mason is taller than William
- Liam is taller than Mason

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

8. Four girls named Sophia, Ava, Mia and Emily are standing in **order of increasing height**.

- Mia is taller than Ava
- Emily is taller than Mia
- Sophia is taller than Mia
- Emily is taller than Sophia

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

9. Four boys named Dylan, James, Ben and Dan are standing in **order of increasing height**.

- James is taller than Dan
- Ben is taller than Dan
- James is taller than Dylan
- Dylan is taller than Ben

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

10. Four girls named Sophie, Chloe, Ella and Scarlett are standing in **order of increasing height**.

- Ella is taller than Chloe
- Sophie is taller than Ella
- Chloe is taller than Scarlett
- Ella is taller than Scarlett

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

11. Four boys named Logan, David, Ollie and Joseph are standing in **order of increasing height**.

- David is taller than Ollie
- Joseph is taller than Logan
- Ollie is taller than Logan
- David is taller than Joseph
- Joseph is taller than Ollie

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

12. Four girls named Lily, Zoe, Samantha and Anna are standing in **order of increasing height**.

- Zoe is taller than Lilly
- Samantha is taller than Anna
- Anna is taller than Lilly
- Samantha is taller than Zoe
- Zoe is taller than Anna

Use this information to **work out the order** in which they are standing. Write the **correct name** in each of the space below.

\_\_\_\_\_ (shortest) \_\_\_\_\_ (tallest)

---

**Answers**

<b>1. Derek</b>	<b>Michael</b>	<b>John</b>	<b>Sam</b>
<b>2. Isla</b>	<b>Gemma</b>	<b>Rachel</b>	<b>Monica</b>
<b>3. Barney</b>	<b>Pat</b>	<b>Toby</b>	<b>Aaron</b>
<b>4. Hannah</b>	<b>Lizzy</b>	<b>Clare</b>	<b>Jen</b>
<b>5. Conor</b>	<b>Matthew</b>	<b>Ross</b>	<b>Ethan</b>
<b>6. Zara</b>	<b>Emma</b>	<b>Olivia</b>	<b>Elaine</b>
<b>7. Jacob</b>	<b>William</b>	<b>Mason</b>	<b>Liam</b>
<b>8. Ava</b>	<b>Mia</b>	<b>Sophia</b>	<b>Emily</b>
<b>9. Dan</b>	<b>Ben</b>	<b>Dylan</b>	<b>James</b>
<b>10. Scarlett</b>	<b>Chloe</b>	<b>Ella</b>	<b>Sophie</b>
<b>11. Logan</b>	<b>Ollie</b>	<b>Joseph</b>	<b>David</b>
<b>12. Lilly</b>	<b>Anna</b>	<b>Zoe</b>	<b>Samantha</b>