



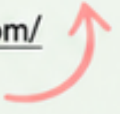
JP Maths

Revision



Attempt the paper
before watching the
solutions!

[https://www.youtube.com/
@JPMathsRevision](https://www.youtube.com/@JPMathsRevision)



FOUNDATION / HIGHER TIER

Expanding Single Brackets



INSTRUCTIONS

- Use **black ink** or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- You must **show all your working.**
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.



INFORMATION

- The marks for **each** question are shown in brackets– *use this as a guide as to how much time to spend on each question.*



ADVICE

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.



You've got this!

1. Expand $2(x + 3)$

.....
(Total for Question 1 is 1 mark)

2. Expand $6(y - 2)$

.....
(Total for Question 2 is 1 mark)

3. Expand $-3(x - 7)$

.....
(Total for Question 3 is 1 mark)

4. Expand $5(a + b)$

.....
(Total for Question 4 is 1 mark)

5. Expand $-7(x - 2)$

.....
(Total for Question 5 is 1 mark)

6. Expand $-2(x - 3y)$

.....
(Total for Question 6 is 1 mark)

7. Expand $9(2a + 3b)$

.....
(Total for Question 7 is 1 mark)

8. Expand $8(x + 11y)$

.....
(Total for Question 8 is 1 mark)

9. Expand $3(a + b + c)$

.....
(Total for Question 9 is 1 mark)

10. Expand $-3(2a + 3c)$

.....
(Total for Question 10 is 1 mark)

11. Expand $-6(3a - 4c)$

.....
(Total for Question 11 is 1 mark)

12. Expand $x(x + 8)$

.....
(Total for Question 12 is 1 mark)

13. Expand $2x(2x + 3)$

.....
(Total for Question 13 is 1 mark)

14. Expand $a(2a - 3b)$

.....
(Total for Question 14 is 1 mark)

15. Expand $5x(x + y)$

.....
(Total for Question 15 is 1 mark)

16. Expand and simplify $9(3a + 2b) + 4(3a + b)$

.....
(Total for Question 16 is 2 marks)

17. Expand and simplify $4(2x + 3y) + 5(2x - y)$

.....
(Total for Question 17 is 2 marks)

18. Expand and simplify $7(x - 1) + 3(2x - 5)$

.....
(Total for Question 18 is 2 marks)

19. Expand and simplify $-x(x + 1) - 2x(x - 9)$

.....
(Total for Question 19 is 2 marks)

20. Expand and simplify $3(x + 1) - 6(2x + 3)$

.....
(Total for Question 20 is 2 marks)

21. Expand and simplify $-3(x - 1) - 4(2x - 1)$

.....
(Total for Question 21 is 2 marks)
