



JP Maths

Revision



Attempt the paper
before watching the
solutions!

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



FOUNDATION / HIGHER TIER

Best Buys



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. A supermarket sells pasta in two different packs.

<u>Pasta Pack A</u>	<u>Pasta Pack B</u>
500 g	800 g
£1.35	£2.08

Which pack gives the better value for money?

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

2. A pet shop sells rabbit food in two different bags.

<u>Small</u>	<u>Large</u>
2 kg	5 kg
£4.80	£11.25

Which bag gives the better value for money?

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

3. A café has two special offers on muffins.

Offer A

6 muffins for £9.60

Offer B

Buy 2 muffins and get a third muffin free.

Each muffin normally costs £1.70.

Which offer is better value?

.....
(Total for Question 3 is 3 marks)

4. A garden centre sells compost.

Small bag

25 litres

3 bags for £10.50

Large bag

50 litres

2 bags for £15.80

Which offer gives the better value for money?

.....
(Total for Question 4 is 3 marks)

5. Two supermarkets sell the same washing powder.

Supermarket A

2.4 kg

25% off

Normal price £8.80

Supermarket B

2.4 kg + 20% extra free

Normal price £8.80

Which supermarket gives the better value?

.....

(Total for Question 5 is 3 marks)

6. A supermarket sells olive oil.

Bottle A

750 ml

£5.10

Bottle B

1 litre

£6.95

Which bottle is better value for money?

.....

(Total for Question 6 is 3 marks)

7. Emma needs to buy 48 tennis balls.

Sports World

Pack of 6 balls

£7.20

Active Sports

Pack of 10 balls

£11.80

Emma must buy whole packs.

Which shop should she buy from?

.....
(Total for Question 7 is 3 marks)

8. Luca wants 18 rolls of wrapping paper.

Gift Box

3 rolls for £8.70

Party Planet

Pack of 6 rolls

Normal price £16.80

15% off

Which shop is cheaper?

.....
(Total for Question 8 is 3 marks)

9. A school is buying 200 exercise books.

Shop A

Pack of 25

£9.75

Shop B

Pack of 40

£14.80

Buy 4 packs and get the fifth pack half price.

The school can only buy whole packs.

Which shop should they use?

.....
(Total for Question 9 is 3 marks)

10. Grace wants to buy 60 bottles of water.

Shop A

Pack of 12 bottles

£5.40

Shop B

Pack of 20 bottles

Normal price £8.80

Buy one pack, get a second pack 25% off

Grace must buy whole packs.

Which shop is cheaper?

.....
(Total for Question 10 is 4 marks)

- 11.** A shop sells 500 g bags of coffee.

Offer A

30% off

Normal price £6.40

Offer B

500 g + 40% extra free

Price £6.40

Which offer gives the better value for money?

.....
(Total for Question 11 is 4 marks)

12. Noah is decorating a bedroom.
He needs at least 28 litres of paint.

DIY Warehouse

5-litre tins

£18 each

Paint Centre

8-litre tins

£27 each

Buy 3 tins and get the fourth tin half price.

Noah must buy whole tins.
Which shop should he buy from?

.....
(Total for Question 12 is 4 marks)
