

# get ready for the non calculator paper... One step at a time...



Monday

$23 \times 1.4$

11/4

$\frac{4}{5}$  of 130

18/4

17.5% of 12

25/4

35% off £70

2/5

HCF of 18 and 30

9/5

Simplify  $(3x^2)^3$

16/5

Write 140 as a product of its prime factors

23/5

Tuesday

15% of 48

12/4

$347 \times 24$

19/4

$0.4 \times 0.7$

26/4

$\frac{3}{5} \times \frac{15}{2}$

3/5

Expand  $(n+2)(n-5)$

10/5

$\frac{4}{3} + \frac{2}{5}$

17/5

Share £150 in the ratio 3:2

24/5

Wednesday

$324 \div 12$

13/4

30% of 64

20/4

$\frac{7}{3}$  of 18

27/4

Write  $4.23 \times 10^6$  as an ordinary number

4/5

Solve  $x + 5 = 3x - 9$

11/5

$0.03^2$

18/5

EXAM DAY

25/5

Thursday

Factorise  $6x^2 + 15x$

14/4

$288 \div 16$

21/4

Expand  $7(4m - 1.5)$

28/4

6 out of 20 as a percent

5/5

$\frac{4}{7} \div \frac{2}{5}$

12/5

LCM of 6 and 10

19/5

Friday

$\frac{3}{7}$  of 63

15/4

Factorise  $x^2 + 15x + 54$

22/4

Simplify  $\frac{x^3 \times x^9}{x^4}$

29/4

Evaluate  $4^2 + 5^3$

6/5

Find 3 coordinates on the line  $y = 2x - 4$

13/5

$4\frac{2}{9} - 2\frac{2}{3}$

20/5

The weekend!

A cylinder has a diameter of 6cm and a height of 7cm. What is the volume in terms of  $\pi$ ?

16-17/4

A rectangular field is 6m by 8m. How long is the length of the diagonal?

23-24/4

The probability of me winning a game is 0.35. If you play the game 250 times, how many times would you expect to win?

30/4 - 1/5

I put £200 in a bank account. It gets 5% interest each year. How much do I have after 2 years?

7-8/5

5 numbers have a mean of 6, a median of 7 and mode 8. What could these numbers be?

14-15/5

A cube has a side length of 4cm. What is the total surface area of the cube?

21-22/5

Your stepping stones to success by @pbrucemaths

