

GENERAL.

Non calc

Section A Calculate the following. Show all necessary working.

1) $34 \cdot 72 + 23 \cdot 4 - 44$

2) 10% of £ 236

3) $\frac{6}{7}$ of 1,491

4) $356 - 73$

5) $-4 - 18$

6) $15 \div 1,000$

7) $6^2 - 4^2$

8) $72 \cdot 6 - 41$

9) $(35 - 7) + (73 \div 10)$

10) $\sqrt{49} - 20$

Section B Solve

1) $5n - 3 = n + 21$

2) $8y + 9 = 2y + 45$

Section C Expand

1) $7(x + 3)$

2) $2(4g - 5)$

Section D

1) How many minutes are in 3 days ?

2) List the *prime numbers* between 0 and 30

3) 25% of the people who took part in a survey said they liked cheese.

How many took part if 15 people said they liked cheese ?

Answers

1) 14.12

2) £23

3) 1278

4) 283

5) -22

6) 0.015

7) 20

8) 31.6

9) 35.3

10) -13

Section B

1) $n = 6$

2) $n = 6$

Section C

1) $7x + 21$

2) $8g - 10$

Section D

1) 4320 minutes

2) 1, 2, 3, 5, 7, 11, 13, 17, 19, 23, 29

3) 60