

S4 GENERAL.

Non Calculator 1

1. Carry out the following calculations:

(a) 37.8×80

(b) $77.2 - 8.02 + 7.246$

(c) $\sqrt{10000}$

(d) 465×38

(e) $\$5.93 \times 5$

(f) 15% of £63.80

(g) $4.36 \div 100$

(h) $\frac{3}{8}$ of £37.52

(i) $0.000394 \text{ mm} \times 1000$

(j) $12^2 - 7^2$

2. Find the mean and the mode of the following numbers:

$-5, 4, -6, -8, 4, 3, -4, 0, 2$ and -10 .

3. If $m = 4$, $n = 7$ and $p = -3$, what is $m^2 + 4np$?

4. If 30 cans of cola cost £10.20, how will 6 cost?

5. A computer can be purchased by paying a deposit of £150, followed by 36 monthly payments of £20. How much is this altogether?

6. Solve the following equation: $10r - 4 = 4r + 56$

Answers

1a) 3024

b) 76.426

c) 100

d) 17,670

e) \$29.65

f) £9.57

g) 0.0436

h) £14.07

i) 0.394mm

j) 95

2) Mean - -2 Mode - 4

3) -68

4) £2.04

5) £870

6) $r = 10$