Q1.

Ans   5   16   29   46   65   88
   e) $16-5=11$, $29-16=13$, $46-29=17$
        $65-46=19$, $88-65=23$,
        Next prime number is 29.
        $88+29=117$
   e) None of these.

Q2.   235   346   457 ?
   →
        c) 568

Q3   2   6   ?   20   30
   →

        b) 12

Q4   0.5   1.5   3   5   7.5   10.5 ?
   → $1.5-0.5 = 1$
        $+3-1.5 = 1.5$
        $5-3   = 2$
        $7.5-5 = 2.5$
        $10.5-7 = 3$
        $10.5+3.5 = 14$

   b) 14

Q5   10   18   34   ?   130   258
   → $18-10=8$
        $34-18=16$ → $?-34=32$
        $130-?= 64$ 64
        $256-130 = 126$

Fill Missing term = 32 + 34 = 66.

c) 66 an

q5 0   4   6   3   7   9   6   ?   12
4 - 0 = 4
6 - 4 = 2
3 - 6 = -3
7 - 3 = 4
9 - 7 = 2
6 - 9 = -3
12 - 8 = 4   ? - 6 =   ? = (10).

b) 10

q6 0   1   1   2   3   5   8   13   ?   34
0 + 1 = 1   8 + 13 = 21   w.
1 + 1 = 2   13 + ? = 34
1 + 2 = 3   ? + 34 =
2 + 3 = 5
3 + 5 = 8
8 + 5 = 13

d) 21

q8 5   10   40   ?   19 20   19200
5 × 2 = 10
10 × 4 = 40
40 × 6 = 240   w.
240 × 8 = 1920
1920 × 10 = 19200

d) 240.

Q9   3   6   9   18   27   ?   81

$\Rightarrow$

Q10   16   24   12   ?   9   13.5

$\Rightarrow$

Q11   0   2   8   18   ?   50

$\Rightarrow$ $2 - 0 = 2$

     $8 - 2 = 6$

     $18 - 8 = 10$

     $(32) - 18 = 14$

       $50 - ? = 18$

        (32)

c) 32

Q12   2   16   54   ?

$\Rightarrow$ $2 \times 8 = 16 x$ | $2 \times 1^3 = 2$

    $16 \times 4 = 54 x$ | $2 \times 2^3 = 16$

      $54 \times 2 = $ $8 x$ | $2 \times 3^3 = 54$

                  | $2 \times 4^3 = 128$

1) 128

Q13   -1   6   25   62   123   214   ?

$\Rightarrow$

Q4   36   157   301   470   ?   891

→   157 - 36 = 121 = 11²

301 - 157 = 144 = 12²

470 - 301 = 13²

Missing