

Please select the correct answer number for each question. There are more answers than questions. Answers may be repeated.

1) $y - \frac{z}{2}$

2) -231

3) $a_n = 32 + 5(n - 1)$

4) The common difference in the arithmetic sequence is -2.5 , which means the missing term must be 84 as that is 2.5 less than the term before it and 2.5 more than the term after it.

5) 793

6) yes; 13

7) 40 acres

8) 14.5

9) yes; -29

10)

Your friend is correct. You did not take the average of 31 and 41 correctly to find the missing term of 36 .

11) 21.5

12) $32, 37, 42, 47, 52$

13) Yes; there is a common difference of 8 .

14) no

15) -99

16) $a_n = a_{n-1} + 5$ where $a_1 = 32$

17) -8.5

18) -0.409

19) $3t + 1$

20) -3.5

21) 127 people

22) $41, 49, 57$

23) -406.9