



Jawapan Praktis Ekstra Sumatif

Bab 1

1. (a) 1; 8; 13
(b) 14; 23
2. (a) 
(b) 
3. (a) Menolak 3 dari nombor sebelumnya.
Subtract 3 from the previous number.
(b) Bahagi nombor sebelumnya dengan 2.
Divide the previous number by 2.
(c) Darab nombor sebelumnya dengan 4.
Multiply the previous number with 4.
4. (a) Bukan jujukan
Not a sequence
(b) Jujukan
Sequence
(c) Jujukan
Sequence
(d) Bukan jujukan
Not a sequence
5. (a) $4n - 3, n = 1, 2, 3, \dots$
(b) $42 - 4n, n = 1, 2, 3, \dots$

6. 9
7. $m = 16 \times 2 = 32$
 $n = 64 \times 2 = 128$
 $n - m = 128 - 32$
 $= 96$

8. $x = 30 \div 2 = 15$
 $y = 30 + 2 = 32$

9. $\begin{array}{cccccccc} & +4 & & +4 & & +4 & & +4 & & +4 & & +4 & & +4 \\ \curvearrowright & & \curvearrowright & & \curvearrowright & & \curvearrowright & & \curvearrowright & & \curvearrowright & & \curvearrowright & & \curvearrowright \\ 5, & 9, & 13, & 17, & 21, & 25, & 29, & 33, \dots \\ T_1 & T_2 & T_3 & T_4 & T_5 & T_6 & T_7 & T_8 \end{array}$
 $T_8 = 33$

10. 6, 11, 16, ...
Ungkapan algebra
Algebraic expression
 $1 + 5n, n = 1, 2, 3, \dots$

$$146 = 1 + 5n$$
$$5n = 145$$
$$n = 29$$

Maka, 146 adalah sebutan jujukan ke-29.
Therefore, 146 is the 29th term.