

A013 Expressions and formula

1. 2.

- ① a) $15fg$
 b) t^2
 c) $4n$

- ⑮ a) 9 days
 b) $T = 7.8y + 12$

- ② a) $3p$
 b) $2m^3$
 c) $10 - 4c + 6d$

- ③ a) $6f$
 b) $16mz$
 c) $2t^2$

- ④ a) $10ab$
 b) $8xy$

- ⑤ 30

- ⑥ 23

- ⑦ -3

- ⑧ a) 37
 b) -25.5

- ⑨ a) -13
 b) 5

⑩ $\frac{96}{2^2} = 24 < 25 \therefore \text{No}$

- ⑪ a) 174 minutes
 b) 4.5 kg

⑫ Dindar: $20 - x$
 Pip: $\frac{20+x}{2}$

- ⑬ a) proof
 b) yes, $8x - 4y = 4(2x - y)$
 \therefore always a multiple of 4.

- ⑭ a) $T = 4n - 5$
 b) $5m - 3m = 2m$ ✓ identity

Handwritten notes and calculations on the right side of the page, including various mathematical expressions and circled numbers (15, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100).