

Tuesday (answers) – LO: to find and calculate with a two-step rule.

Varied fluency

Developing

- 1a. 14, 4, 2
- 2a. False, the correct answer is 22.
- 3a. 1 and 12; 11 and 32; 7 and 24
- 4a. $2a + 3$

Expected

- 5a. 4, 8, 6
- 6a. True
- 7a. 4 and 17; 9 and 32; 12 and 41
- 8a. $(a + 4) \times 2$

Greater Depth

- 9a. - 5, 25, - 2
- 10a. True
- 11a. 16 and -16; 40 and -10; 44 and -9
- 12a. $(a + 9) \times 5$

Reasoning and problem solving

Developing

- 1a. Function is $2a - 2$. 6
- 2a. False. This doesn't work for an input of 5. The function is $x \times 2 + 5$.
- 3a. 1

Expected

- 4a. Function is $(a - 3) \times 4$. 36
- 5a. False. This doesn't work for an input of 8. The function could be $+ 4 \div 2$ or $\div 2 + 2$.
- 6a. 16

Greater Depth

- 7a. Function is $(a + 15) \div 2$. 33.5
- 8a. False. This doesn't work for an input of 7. The function could be $+ 20 \div 10$.
- 9a. 5