

Thursday (answers) – LO: to substitute symbols and letters for numbers.

Varied fluency

Developing

- 1a. **A. 20; B. 8; C. 4**
2a. **False. The answer is 25.**
3a. **$a = 25$, $b = 100$**
4a. **Millie**

Expected

- 5a. **A. 8; B. 9; C. 15**
6a. **True**
7a. **$p = 10$, $q = 2.5$, $r = 3$**
8a. **Jacob**

Greater Depth

- 9a. **A. -0.1; B. 4; C. 7.75**
10a. **False. The answer is -3.7.**
11a. **$a = 2.3$, $b = 10$, $c = 0.5$**
12a. **Jack**

Reasoning and problem solving

Developing

- 1a. **Yes; $d = 14 + 50 = 64$, so $f = 64 - 17 = 47$**
2a. **10cm**
3a. **False; $2f = 40$, so $e = 40 - 15 = 25$**

Expected

- 4a. **No; $a = 15 - 4 = 11$, so $c = 11 + 10 = 21$**
5a. **3cm**
6a. **False; $a = (10 \times 9) - 5$, so $90 - 5 = 85$**

Greater Depth

- 7a. **No; $x = (81 \div 10) + 1.25 = 9.35$, so $z = 9.35 + 10 = 19.35$**
8a. **11cm**
9a. **False; $x = 55 \div 11 = 5$**