

Tuesday (answers) – LO: to form algebraic equations.

Varied fluency

Developing

1a. **3 and 8**

2a. **A and B**

3a. **$4 = n - 9$**

4a. **False; $p + 6 = 15$**

Expected

5a. **6 and 48**

6a. **C**

7a. **$5n + 3 = 2.5$**

8a. **False; $e \div 6 = 5$**

Greater Depth

9a. **Divide, 8, 9 and -6**

10a. **C**

11a. **$\frac{2}{3}n - 1 = 3$**

12a. **True**

Reasoning and problem solving

Developing

1b. Various possible answers, for example: $2n - 4 = 8$. The image and word problem must match the equation.

2b. Option B, because the unknown number is 4. In the other options it is 7.

3b. Riley. His problem does not use multiplication to make 24.

Expected

4b. Various possible answers, for example: $4n \div 2 = 12$. The image and word problem must match the equation.

5b. Option A, because the unknown number is 2.5. In the other options it is 2.

6b. Lisa. She has subtracted 21 from 49, instead of f .

Greater Depth

7b. Various possible answers, for example: $2m \div 4n = 12$. The image and word problem must match the equation.

8b. Option C, because the unknown number is 1. In the other options it is 1.5.

9b. Tom. He has not multiplied c by 4, so he has added the wrong number.