Maths Department Exit Ticket

**Topic: Expressions, Functions and Formulae (Core/Depth)**

Q1.



A. output = 8, 14, 16. B. output = 1, 3, 4, 6.

Q2.



A = middle = 7a + 2b. top = 10a +11b. B = middle = 5e – f. bottom left = e – -2f. bottom right = 3e + 4f

Q3.



1. 2(3x + 4) + 6(x + 2) b. 4(x – 3) + 7(2x – 1)

= 6x + 8 + 6(x + 2) = 4x – 12 + 7(2x – 1)

=6x + 8 + 6x + 12 = 4x – 12 + 14x - 7

=12x + 8 + 12 = 18x – 12 - 7

 = 12x + 20 = 18x - 19

Q4.



1. 3m + 10. B. m / 2. C. m / 5 + 3. D.(m + 2)2 E.(m-4)6

Q5.



1. 6p + 12 b. 42cm

Q6.



X = p – 5

**S:** I can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**T:** To be able to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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