

Q1. (2017)

2 Circle the expression that is four times bigger than  $n$ .

[1 mark]

$n + 4$

$4n$

$\frac{n}{4}$

$n^4$

Q2. (2017)

5 (a) Simplify  $a \times a \times a + b + b$ 

[2 marks]

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Answer \_\_\_\_\_

Q3. (2018)

17 Simplify  $7x - (3x - 2x)$   
Circle your answer.

[1 mark]

$7x - 1$

$2x$

$6x$

$8x$

Q4. (2019)

19 (a) Simplify fully  $3a^2 + 7a + 3 - a^2 + 8a - 4$ 

[3 marks]

Q5. (2020)

15  $n$  is negative.Circle the expression that is **positive**.

[1 mark]

$n - 1$

$n^2$

$n^3$

$\frac{1}{n}$

Q6. (2022)

4 Simplify  $4 \times 2c$   
Circle your answer.

[1 mark]

$42c$

$16c$

$8c$

$6c$

Q7. (2022)

12 (a) Simplify fully  $9x + y - 6x + y$ 

[2 marks]

Q8. (2022)

12 (c) Simplify  $\frac{6w+10}{2}$   
Circle your answer.

[1 mark]

$6w + 8$

$3w + 10$

$6w + 5$

$3w + 5$

Q9. (2023)

10 (a) Simplify fully  $p^2 \times p$

[1 mark]

Q10. (2023)

10 (b) Simplify fully  $3a + 5c - a + 6c$

[2 marks]