WORKSHEET

Name: ..... Class: .....

Date: .....

MARK ____ / 11

Answer all questions. Show all your working — marks are awarded for method as well as the final answer.

1 Simplify: $3^4 \times 3^3$ (1)

2 Simplify: $7^8 \div 7^5$ (1)

3 Simplify: $(5^3)^2$ (1)

4 Simplify: $(3y)^4$ (2)

5 Calculate: 12^0 (1)

6 Simplify: $x^5 \times x^2$ **(1)**

7 Simplify: $(2^2 \times 2^5) \div 2^3$ **(2)**

8 Simplify: $(a^3)^2 \times a$ **(2)**

TOTAL: 11 marks

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