

1.  $2^2 \times 2^3 = 2^{\boxed{}}$

Write the missing power in the box.

(1)

2. Simplify $5^4 \times 5^3$



Circle the correct answer.

25^7

5^{12}

5^7

25^{12}

(1)

3. Simplify $n^2 \times n^4$



(1)

4. $p^6 \times p^2 = p^x$



Find the value of x.

(1)

5. Jonah was asked to simplify $y^8 \times y^3$



His answer is y^{24}

Explain Jonah's mistake.