Is it true that $(\log_5 n)^2 = 2\log_5 n$?

- ○ Yes
- ◉ No

✓ **Correct**
$(\log_5 n)^2$ is just $(\log_5 n)(\log_5 n)$

2. $\log_2 n \cdot \log_3 2 = \log_3 n$ **1 / 1 point**

- ◉ Yes
- ○ No

✓ **Correct**

3. $n^{\log_2 n} = n$ **1 / 1 point**

- ○ Yes
- ◉ No

✓ **Correct**

4. $\log_3(2n) = \log_3 2 \cdot \log_3 n$ **1 / 1 point**

- ○ Yes
- ◉ No

✓ **Correct**

5. $\log_{10}(n^2) = 2\log_{10} n$ **1 / 1 point**

- ◉ Yes
- ○ No

✓ **Correct**

6. $n^{\log_7 3} = 7^{\log_3 n}$ **1 / 1 point**

- ○ Yes
- ◉ No

✓ **Correct**
$n^{\log_7 3} = 3^{\log_7 n}$