Evaluate the Exponents

Name:_____ Date:_____

Rewrite in Exponent Form

1) $36^6 \times 6^5 = 6^?$ = _____

2) $121^2 = 11^?$ = _____

3) $16^7 \times 4^5 = 4^?$ = _____

4) $81^3 \times 9^4 = 9^?$ = _____

5) $8^4 \times 8^3 = 8^?$ = _____

6) $2^3 \times 2^4 \times 2^2 \times 3^3 \times 3^4 = 2^? \times 3^?$ = _____

7) $11^2 \times 11^6 = 11^?$ = _____

8) $5^3 \times 2^2 \times 5^4 \times 2^3 = 5^? \times 2^?$ = _____

9) $4^5 \times 2^3 = 2^?$ = _____

10) $100^6 \times 10^7 = 10^?$ = _____

11) $49^5 = 7^?$ = _____

12) $16^7 \times 4^5 = 4^?$ = _____

13) $5^6 \times 5^2 = 5^?$ = _____

14) $10^2 \times 10^3 \times 10^5 \times 6^3 \times 6^4 = 10^? \times 6^?$ = _____

Evaluate the Exponents

Name:_____ Date:_____

Rewrite in Exponent Form

1) $36^6 \times 6^5 = 6^?$ = 17

2) $121^2 = 11^?$ = 4

3) $16^7 \times 4^5 = 4^?$ = 19

4) $81^3 \times 9^4 = 9^?$ = 10

5) $8^4 \times 8^3 = 8^?$ = 7

6) $2^3 \times 2^4 \times 2^2 \times 3^3 \times 3^4 = 2^? \times 3^?$ = $2^9 \times 3^7$

7) $11^2 \times 11^6 = 11^?$ = 8

8) $5^3 \times 2^2 \times 5^4 \times 2^3 = 5^? \times 2^?$ = $5^7 \times 2^5$

9) $4^5 \times 2^3 = 2^?$ = 13

10) $100^6 \times 10^7 = 10^?$ = 19

11) $49^5 = 7^?$ = 10

12) $16^7 \times 4^5 = 4^?$ = 19

13) $5^6 \times 5^2 = 5^?$ = 8

14) $10^2 \times 10^3 \times 10^5 \times 6^3 \times 6^4 = 10^? \times 6^?$ = $10^{10} \times 6^7$