

Name _____

Multiplying Exponents

Express the following numbers in single exponent.

- 1) $3 \times 9 \times 81 \times 729$ as an exponent of the number 3. _____
- 2) $16 \times 64 \times 256 \times 32$ as an exponent of the number 2. _____
- 3) $25 \times 625 \times 15625 \times 125$ as an exponent of the number 5. _____
- 4) $64 \times 256 \times 1024 \times 4096$ as an exponent of the number 4. _____
- 5) $10 \times 1000 \times 100 \times 10000$ as an exponent of the number 10. _____
- 6) $64 \times 4096 \times 512 \times 32768$ as an exponent of the number 8. _____