

Name: _____

Score: _____

Exponents

MS1

(A) Rewrite in expanded form:

1) $(-12)^4$
= _____

2) 2^9
= _____

3) $(-24)^3$
= _____

4) 7^8
= _____

(B) Rewrite in exponent form:

1) $18 \times 18 \times 18$
= _____

2) $(-3) \times (-3) \times (-3) \times (-3) \times (-3)$
= _____

3) $23 \times 23 \times 23 \times 23$
= _____

4) $(-8) \times (-8) \times (-8) \times (-8)$
= _____

(C) Rewrite in standard form:

1) $(-5)^4$
= _____

2) 12^2
= _____

3) $(-8)^3$
= _____

4) $(-1)^7$
= _____

5) $(-10)^3$
= _____

6) 9^3
= _____

7) 13^2
= _____

8) $(-14)^2$
= _____

9) 2^6
= _____

10) 7^3
= _____

Name: _____ Date: _____

Exponents Worksheet

Evaluate.

1 a. 4^0	1 b. 100^{-5}
2 a. 1^{-74}	2 b. 1^{-88}
3 a. 2^{-3}	3 b. 0^{18}
4 a. 2^0	4 b. 1^{-64}
5 a. 10^{-3}	5 b. 6^{-2}
6 a. 0^{40}	6 b. 7^0
7 a. 9^{-2}	7 b. 1^0

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