

Order of operations with exponents

NAME	DATE	SCORE / 12
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Use the order of operations (BEDMAS): brackets first, then exponents, then multiply and divide from left to right, then add and subtract from left to right.

1	$5 \times 4^2 = ?$		2	$6^2 + 5^2 = ?$	
3	$5 \times 5^2 = ?$		4	$9 \times 5^2 = ?$	
5	$2^3 - 7 = ?$		6	$2^2 + 3^2 = ?$	
7	$3 \times 6^2 = ?$		8	$4 + 2^2 = ?$	
9	$5^2 - 9 = ?$		10	$6^2 + 2^2 = ?$	
11	Emma says $4^3 - 2 = 10$. Find Emma's mistake. What is the correct value of $4^3 - 2$?		12	Noah says $4^3 - 2 = 10$. Find Noah's mistake. What is the correct value of $4^3 - 2$?	

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1	80	2	61	3	125
4	225	5	1	6	13
7	108	8	8	9	16
10	40	11	62	12	62