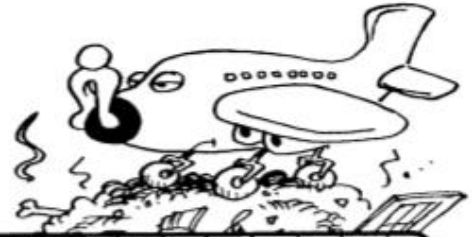


Spiral Review 19 – Negative exponents

What Do You Call It When a Plane Comes Down in a Garbage Heap?



Evaluate each power. For each set of exercises, there is one extra answer. Write the letter of this answer in boxes containing the number of that set of exercises.

9	6	10	9	1	4	7	9	8	2	5	8	3
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<p>a. 5^2 1 answers</p> <p>b. 5^{-2} (B) $\frac{1}{32}$ (S) $\frac{1}{64}$</p> <p>c. 2^{-5} (K) 25 (V) $\frac{1}{25}$</p>	<p>a. $(-15)^{-2}$ 6 answers</p> <p>b. -15^{-2} (P) $\frac{1}{225}$ (J) $-\frac{1}{225}$</p> <p>c. -15^{-3} (T) $\frac{1}{3375}$ (N) $-\frac{1}{3375}$</p>
<p>a. 10^{-6} 2 answers</p> <p>b. 7^{-3} (F) $\frac{1}{343}$ (C) $\frac{1}{1,000,000}$</p> <p>c. 12^{-2} (D) $\frac{1}{288}$ (E) $\frac{1}{144}$</p>	<p>a. $(-2)^{-4}$ 7 answers</p> <p>b. -2^{-4} (W) $-\frac{1}{32}$ (L) $\frac{1}{32}$</p> <p>c. -2^{-5} (B) $\frac{1}{16}$ (V) $-\frac{1}{16}$</p>
<p>a. 16^{-1} 3 answers</p> <p>b. 3^{-4} (M) $\frac{1}{16}$ (P) $\frac{1}{81}$</p> <p>c. 8^0 (Y) 1 (G) $\frac{1}{32}$</p>	<p>a. -9^3 8 answers</p> <p>b. -9^{-3} (N) 729 (E) -729</p> <p>c. 9^{-3} (R) $\frac{1}{729}$ (O) $-\frac{1}{729}$</p>
<p>a. 6^{-3} 4 answers</p> <p>b. $(-6)^{-3}$ (X) $\frac{1}{121}$ (H) $-\frac{1}{121}$</p> <p>c. $(-11)^{-2}$ (U) $\frac{1}{216}$ (O) $-\frac{1}{216}$</p>	<p>a. $(-10)^{-5}$ 9 answers</p> <p>b. 10^{-5} (P) 1 (O) $\frac{1}{100,000}$</p> <p>c. 10^0 (A) 0 (U) $-\frac{1}{100,000}$</p>
<p>a. $(-4)^{-1}$ 5 answers</p> <p>b. $(-4)^{-2}$ (I) $\frac{1}{32}$ (R) $-\frac{1}{4}$</p> <p>c. $(-4)^{-3}$ (E) $-\frac{1}{64}$ (A) $\frac{1}{16}$</p>	<p>a. x^{-2} 10 answers</p> <p>b. x^{-7} (E) $\frac{1}{x^7}$ (F) $-\frac{1}{x^7}$</p> <p>c. $-x^{-7}$ (M) $\frac{1}{x^2}$ (R) x^2</p>