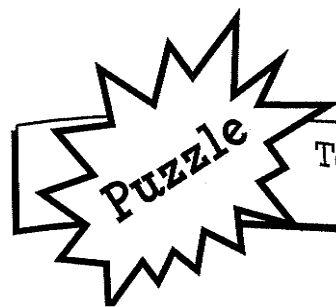


Activity 11: CAN IT BE A MISFORTUNE COOKIE?

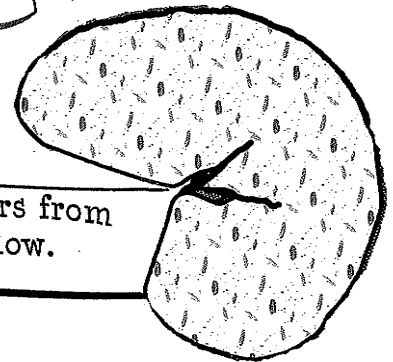
(Fill-in all the blanks and solutions!)

If a fortune cookie has a "negative" message, would you call it a "mis"fortune cookie? These fortunes have expressions with negative exponents. Evaluate all the expressions. Then crack the code to read the advice from the big fortune cookie below.

$A = \left(-\frac{2}{3}\right)^{-1}$ (A = -1 1/2)
 $B = \left(\frac{1}{3}\right)^{-3}$ B =
 $R = (-3) \left(\frac{1}{3}\right)^{-1}$ R =
 $E = (-4)^{-2}$ E =
 $C = 4^{-1}$ C =
 $M = (-1)^{-99}$ M =
 $H = (-2) \left(-\frac{1}{2}\right)^{-1}$ H =
 $G = \left(-\frac{1}{2}\right)^{-3}$ G =
 $T = \left(\frac{1}{12}\right)^{-2} \cdot 4^{-2}$ T =
 $F = (-2)^{-3}$ F =
 $Y = 4^{-1} - 2^{-1}$ Y =
 $N = (-1)^{-100}$ N =
 $K = \left(\frac{1}{2}\right)^{-3}$ K =
 $S = \left(\frac{1}{12}\right)^{-1} \cdot 4^{-1}$ S =
 $I = -2 - \left(\frac{1}{2}\right)^{-1}$ I =
 $V = \left(1\frac{1}{2}\right)^{-1} \cdot \left(\frac{1}{9}\right)^{-1}$ V =
 $U = \left(\frac{1}{4}\right)^{-1} + \left(-\frac{1}{2}\right)^{-1}$ U =
 $O = 3 - \left(\frac{1}{3}\right)^{-1}$ O =



To find the "mis"fortune, write the letters from the equations on the blank lines below.



<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9	-9	$-\frac{1}{4}$	1	0	9	9	0	-8	$\frac{1}{16}$	9	9	0	0
<input type="text"/>	<input type="text"/>	<input type="text"/>	A	<input type="text"/>	<input type="text"/>	A	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	A	<input type="text"/>	<input type="text"/>
1	$\frac{1}{16}$	-8	$-1\frac{1}{2}$	9	-4	6	$\frac{1}{16}$	$-1\frac{1}{2}$	27	0	2	9	-1