

Why did the fish go to jail?

Fill in the letter of the property represented in each problem. Read letters down columns to answer riddle. Some are shown more than once.

_____ $ab = 1ab$	_____ $\left(1\frac{2}{7}\right)\left(\frac{7}{9}\right) = 1$	 Properties E) Associative of Addition L) Associative of Multiplication H) Commutative of Addition A) Commutative of Multiplication S) Distributive I) Additive Identity B) Multiplicative Identity T) Additive Inverse W) Multiplicative Inverse U) Multiplication Property of Zero G) Reflexive C) Symmetric Y) Transitive
_____ $[5 + (-2)] + -4 = 5 + [-2 + (-4)]$	_____ $\left(\frac{1}{2}x\right)8 = 8\left(\frac{1}{2}x\right)$	
_____ If $5 + 4 = 9$ then $9 = 5 + 4$	_____ $6x^2 + x = x(6x + 1)$	
_____ $3x(2y) = 2y(3x)$	_____ $x + y = x + y$	
_____ $\frac{x}{2} \cdot 0 = 0$	_____ $(x + y) + 0 = x + y$	
_____ $2\sqrt{3} + 5\sqrt{3} = (2 + 5)\sqrt{3}$	_____ $(1.5x)y = 1.5(xy)$	
_____ $x + (y + z) = (x + y) + z$	_____ $(3 \cdot 4)25 = 3(4 \cdot 25)$	
_____ $(2 + 14) + 1 = 1 + (2 + 14)$	_____ $\frac{3}{4}a + -\frac{3}{4}a = 0$	
_____ $(a + 5b) + 2c = a + (5b + 2c)$	_____ If $a = 3$ and $b = 3$ then $a = b$	