

"WHY IS IT GOOD TO HAVE HOLES IN YOUR T-SHIRTS?"

DIRECTIONS

Due: Wednesday, October 19th

To receive any credit for this assignment you must do the following:

1. Copy each problem onto a separate sheet of paper.
2. Label the problem with the section number and letter.
3. Show all work.
4. No CALCULATORS may be used.
5. Complete the riddle at the bottom of the page.

Example:

$$5E. 7x + 1 = 7(-4) + 1 = -28 + 1 = -27$$

WHY IS IT GOOD TO HAVE HOLES IN YOUR T-SHIRTS?

Write the letter of each exercise in the box containing the number of the answer.

1. Simplify. R $-2(-1 + 9)$ S $5(-3 - 4)$ E $8 \cdot 4 \cdot (-2)$ A $9 - (-6) + 20$ G $-7(-10 + 2)$ I $-6 + (-5) - 3$		7 35 36 -35 17 -14 10 -17 19 -16 25 -64 43 56		2. Simplify. H $-15 - (-4) + (-1)$ E $(-2)(-5)(-17)$ T $[6 + (-11)] \cdot 8$ R $-9 - (-23 + 3)$ U $7(-3)(-4)$ E $-3(8 - 30)$		3 -170 42 84 27 72 12 -40 9 66 39 -12 31 11	
3. Simplify. T $2(-7)^2$ A $16 - [5 - (-8)]$ R $(-9 + 4) \cdot (-4 + 9)$ O $-8 \cdot 3 + -3 \cdot 8$ U $(-2)^3(-3)^2$ Y $[18 + (-11)] \cdot (-6)$		22 -48 4 -42 34 -25 30 -72 21 98 20 -54 15 3		4. Simplify. O $-2n + 9n - 8$ E $6n - (-4n) + 6$ T $12 - n + 8n$ Y $3n + (-7) - 5n + 1$ H $-4 - n - 4n + 15$ I $-10 - (-7n) + (-9n)$		5 $-2n + 11$ 28 $-2n - 6$ 41 $7n - 8$ 11 $-2n - 10$ 1 $7n + 12$ 44 $-5n + 11$ 14 $10n + 6$	
5. Evaluate if $x = -4, y = 3$. E $7x + 1$ O $5xy$ G $8x - 2y$ H $x + 6y + 6$ T xy^2 M $(xy)^2$		2 20 6 144 38 -36 29 -60 37 81 18 -27 24 -38		6. Evaluate if $a = -2, b = -5$. M $3a + 4b$ T $8a - b$ S $-9a + 6b$ R $-a - 20b$ K $a^2 + b^2$ A $(a + b)^2$		8 29 32 100 35 -26 16 -12 33 49 40 102 26 -11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44