

What Does SANTA Do When It Rains??

Key

Simplify each expression in Column 1 and write your answer on the line after the expression. Then go to Column 3 and find each of your answers. Write the letter of each answer in Column 2 and then rearrange the letters in each section to make a word. Write the words in order in the boxes at the bottom of the page and answer the question above.

Column 1	Column 2	Column 3
① $7c(c-8)$ _____		Ⓑ $7c^2+56$ Ⓔ $7c^2-56c$
② $-7c(c-8)$ _____		ⓓ $-7c^2+56c$ Ⓐ $-7c-56c$
③ $-b(b-9)$ _____		Ⓢ $-2b^2-6b$ Ⓡ b^2+5b
④ $-2b(b+3)$ _____		Ⓣ $2b^2+6b$ Ⓔ $-b^2+9b$
⑤ $-b(-b-9)$ _____		Ⓤ b^2-5b Ⓢ b^2+9b
⑥ $-b(-b+5)$ _____		
⑦ $6(a+5)$ _____		Ⓝ $6a^2+30$ Ⓛ $6a-30$
⑧ $-6(a+5)$ _____		Ⓛ $6a+30$ Ⓢ $6a-30a$
⑨ $6(a-5)$ _____		Ⓞ $-6a+30$ Ⓐ $-6a-30$
⑩ $(y+5)8$ _____		Ⓔ $8y+5$ Ⓐ $9y-2$
⑪ $(y-2)9$ _____		Ⓢ $6y-30$ Ⓡ $8y+40$
⑫ $(y-5)6$ _____		ⓓ $9y-18$ Ⓣ $6y+30$
⑬ $-(d-5)$ _____		Ⓐ $-d+5$ Ⓡ $-d-2$
⑭ $-(-d+2)$ _____		Ⓔ $d+2$ Ⓡ $-d+4$
⑮ $-(d-4)$ _____		Ⓝ $d-2$ Ⓝ $d-2d$
⑯ $-(d+2)$ _____		
⑰ $5(x+6)$ _____		Ⓐ $-5x+30$ Ⓢ $5x-30$
⑱ $x(x+5)$ _____		Ⓔ $-x^2+5x$ Ⓞ x^2+5
⑲ $-x(x-5)$ _____		Ⓔ $5x+30$ Ⓡ x^2+5x
⑳ $-5(x-6)$ _____		

Name _____



