

SCAN MESSAGE &

The Space Communications and Navigation (SCaN) Program has antennas around the world and satellites in space to help guide and exchange important information for all NASA spaceflight missions. Astronauts, mission controllers, and scientists rely on SCaN to transmit messages from Earth to space and back in order to communicate.

MESSAGE DECODER					
A = 1	B = 2	C = 3	D = 4	E = 5	
F = 6	G = 7	H = 8	I = 9	J = 10	
K = 11	L = 12	M = 13	N = 14	0 = 15	Z = 26
P = 16	Q = 17	R = 18	S = 19	T = 20	
U = 21	V = 22	W = 23	X = 24	Y = 25	

The Mars Curiosity Rover was launched by NASA in 2011 and is still actively collecting information on the Red Planet today. This morning, a NASA ground station received a scrambled message from the Curiosity Rover. Solve the math equations below to decode the mystery message. Make sure to check the sign in each equation to see if you need to multiply or divide!

EQUATION	CODE
① 5 x 3	
2 4 x 5	
3 7 x 2	
4 2 x 4	
(5) 13 x 1	
6 10 x 2	
② 15 x 1	

EQUATION	CODE
9 25 ÷ 5	
① 45 ÷ 3	
① 19÷1	
① 30 ÷ 2	
① 2 ÷ 1	



MOON

SCAN : SACE : SA

After you have solved each math equation, use your answers to decode the mystery message below. Make sure to match each decoded letter with the correct blank spot based off of the circled number on each equation. Then draw NASA a picture of the mystery message.

WRITE IT

 (1)
 (1)
 (2)
 (3)
 (2)
 (4)
 (9)
 (5)
 (1)
 (8)

DRAWIT

