		•	
#1			
	Choose the	e best answer	
	candy. When he asked his there were 112 pieces of ca jars. Choose the correct e	a Gavin counted 14 jars of grandma he was told that ndy in total between all the quation to find how many in each jar.	
	\bigcirc x × 112 = 14	\bigcirc 14 \div x = 112	
	\bigcirc 112 \div 14 $=$ x	\bigcirc 112 - 14 = x	Show your work
#2			
	Choose the best answer		
	There are 22 total chairs at a restaurant. By 6pm 17 of those chairs are filled with customers. Choose the equation to calculate how many chairs are still available.		
	\bigcirc x ÷ 17 = 22	\bigcirc 22 - 17 = x	
	\bigcirc 22 \div 17 = x	O x - 17 = 22	Show your work
#3	³ Choose the best answer A surgeon has 35 donated organs to put away into 7 fridges. How many organs should go into each fridge? Choose the correct equation.		
	\bigcirc x × 35 = 7	\bigcirc 35 \times 7 = x	
	\bigcirc 7 ÷ 35 = x	$\bigcirc 35 \div 7 = x$	Show your work

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Write Variable Equations	to Represent	Name:
⁴ Choose the best answer Sydney has 3 guests over and gives each one the same amount of treats. Sydney gives a total of 27 treats away. Choose the equation that represents this.		
$\begin{array}{c} O & 3 \div 27 = x \\ O & 3 \times 27 = x \end{array}$	$\begin{array}{c} O & 3 \times x = 27 \\ O & 27 \times x = 3 \end{array}$	Show your work
^{#5} Choose the best answer While gardening Lily picks 2 weeds. If Lily picked 11 weeds a few days earlier, how many weeds did she pick up?		
$ \begin{array}{c} \circ & x+11=2 \\ \circ & 2\times 11=x \end{array} $	0 2+11 = x 0 11-2 = x	Show your work
 #6 Choose the best answer There are 19 bananacats in the attic having a party. If several more show up and there now 28, choose the equation that will tell us how many bananacats are at the party. 28 × 19 = x x × 28 = 19 19 + x = 28 19 + 28 = x 		Show your work
	Choose the best Sydney has 3 guests over one the same amount of gives a total of 27 treats equation that repu- $3 \div 27 = x$ $3 \times 27 = x$ Choose the best While gardening Lily products of the best Substitution of the best of the	Sydney has 3 guests over and gives each one the same amount of treats. Sydney gives a total of 27 treats away. Choose the equation that represents this. $3 \div 27 = x$ $3 \times x = 27$ $3 \times 27 = x$ $27 \times x = 3$ Choose the best answer While gardening Lily picks 2 weeds. If Lily picked 11 weeds a few days earlier, how many weeds did she pick up? x + 11 = 2 $2 + 11 = x2 \times 11 = x 11 - 2 = xChoose the best answerMile same the party. If several more show up and there now 28,choose the equation that will tell us how manybananacats are at the party.$



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x+y Write Variable Equations to Represent		Name:	
#7	Choose the best answer		
	Nathan, the organ donating mutant, has 16 kidneys. If he grows 29 more then which equation will tell us how many kidneys he has now?		
	O x + 29 = 16	\bigcirc 16+29=x	
	\bigcirc 29 × 16 = x	\bigcirc x \times 29 = 16	Show your work
#8	Choose the best answer		
	Abigail, the organ donating mutant, has 8 kidneys. If she grows 23 more then which equation will tell us how many kidneys she has now?		
	\bigcirc 8+23=x	O 23 × 8 = x	
	$\mathbf{O} \mathbf{x} \times 23 = 8$	x + 23 = 8	Show your work
#9	Choose the best answer		
	Diana is compiling an album. She has 15 songs in total but ends up leaving 3 songs off. Which equation will tell us how many songs are on the album?		
	\bigcirc x - 3 = 15	\bigcirc 15÷3=x	
	0 15 - 3 = x	\bigcirc x ÷ 3 = 15	Show your work

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×+y Write Variable Equ	uations to Represent	Name:
#10		
Choose	the best answer	
new homes. How m stayed with the mo	es in total, and 8 are given to nany puppies from that litter other? Choose the equation res for the answer.	
\bigcirc x ÷ 8 = 16	\bigcirc x - 8 = 16	
\bigcirc 16 \div 8 = x	\bigcirc 16 - 8 = x	Show your work
#11		
Choose	the best answer	
a party. If several now 11, choose t	nacats in the attic having more show up and there he equation that will tell nanacats are at the party.	
$O x \times 11 = 6$	\bigcirc 6+11=x	
O 6 + x = 11	\bigcirc 11 \times 6 $=$ x	Show your work
#12		
Choose	the best answer	
Last week Owen looked at the apple tree and there were 17 apples. This week there are 22 apples. Which equation solves to tell us how many new apples there are on the tree?		
\bigcirc 17 + 22 = x	0 17 + x = 22	
\bigcirc 22 × 17 = x	\bigcirc x \times 22 = 17	Show your work



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x+y Write Variable Equations to Represent

Question	Answer
#1	choice 3
#2	choice 2
#3	choice 4
#4	choice 2
#5	choice 2
#6	choice 3
#7	choice 2
#8	choice 1
#9	choice 3
#10	choice 4
#11	choice 3
#12	choice 1