

Practice with mathematical expressions and sentences

Write a mathematical expression or sentence using the variable n for each of the following. Evaluate each expression for $n = 4$. Put a check mark in front of the problems that are mathematical sentences and determine whether the sentence is TRUE or FALSE when $n = 4$.

	Expression /Sentence	Evaluate when $n = 4$
1)	3 times a number	
2)	3 more than a number	
3)	3 decreased by a number	
4)	a number decreased by 3	
5)	3 less than a number	
6)	one third of a number	
7)	8 more than twice a number	
8)	2 times the sum of a number and 8	
9)	8 is more than a number	
10)	7 less than six times a number	
11)	7 less the square of a number	
12)	7 is less than a number squared	
13)	a number increased by 3 times the number	
14)	a number decreased by one half of the number	
15)	a number increased by its square	
16)	4 more than a number is less than 9	
17)	10 more than three times a number	
18)	10 is more than three times a number	
19)	the fourth power of a number less 12	
20)	a number cubed	
21)	the n^{th} power of 3	
22)	triple a number	
23)	the square of a number is less than the cube of a number	
24)	5 less than the square of a number	
25)	20 less than the sixth power of a number	
26)	20 is less than the sixth power of a number	
27)	3 times the sum of twice a number and 8	
28)	one half of a number is more than 6 less than the number	