3-1-4 PI DAY CHALLENGE

Use the digits 3, 1, and 4 exactly one time each along with any mathematical symbol or operation of your choosing to create expressions equivalent to the numbers between 1 and 30.

2 = $17 =$ $3 =$ $18 =$ $4 =$ $19 =$ $5 =$ $20 =$ $6 =$ $21 =$ $7 =$ $22 =$ $8 =$ $23 =$ $9 =$ $24 =$ $10 =$ $25 =$ $11 =$ $26 =$ $12 =$ $27 =$ $13 =$ $28 =$		
3 = 18 = 4 = 19 = 5 = 20 = 6 = 21 = 7 = 22 = 8 = 23 = 9 = 24 = 10 = 25 = 11 = 26 = 12 = 27 = 13 = 28 = 14 = 29 =	1 =	16 =
4 = $19 =$ $5 =$ $20 =$ $6 =$ $21 =$ $7 =$ $22 =$ $8 =$ $23 =$ $9 =$ $24 =$ $10 =$ $25 =$ $11 =$ $26 =$ $12 =$ $27 =$ $13 =$ $28 =$ $14 =$ $29 =$	2 =	17 =
5 = $20 =$ $6 =$ $21 =$ $7 =$ $22 =$ $8 =$ $23 =$ $9 =$ $24 =$ $10 =$ $25 =$ $11 =$ $26 =$ $12 =$ $27 =$ $13 =$ $28 =$ $14 =$ $29 =$	3 =	18 =
$\delta =$ $21 =$ $7 =$ $22 =$ $8 =$ $23 =$ $9 =$ $24 =$ $10 =$ $25 =$ $11 =$ $26 =$ $12 =$ $27 =$ $13 =$ $28 =$ $14 =$ $29 =$	4 =	19 =
7 = 22 = 8 = 23 = 9 = 24 = 10 = 25 = 11 = 26 = 12 = 27 = 13 = 28 = 14 = 29 =	5 =	20 =
8 = 23 = 9 = 24 = 10 = 25 = 11 = 26 = 12 = 27 = 13 = 28 = 14 = 29 =	6 =	21 =
9 = 24 = 10 = 25 = 11 = 26 = 12 = 27 = 13 = 28 = 14 = 29 =	7 =	22 =
10 = 25 = 11 = 26 = 12 = 27 = 13 = 28 = 14 = 29 =	8 =	23 =
11 = 26 = 12 = 27 = 13 = 28 = 14 = 29 =	9 =	24 =
12 = 27 = 13 = 28 = 14 = 29 =	10 =	25 =
13 = 28 = 14 = 29 =	11 =	26 =
14 = 29 =	12 =	27 =
	13 =	28 =
15 = 30 =	14 =	29 =
	15 =	30 =

Created by Sarah Carter | @mathequalslove |mathequalslove.net | $M + A + T + H = \int_{Me}$

3-1-4 PI DAY CHALLENGE

Use the digits 3, 1, and 4 exactly one time each along with any mathematical symbol or operation of your choosing to create expressions equivalent to the numbers between 1 and 20.

1 =	11 =
2 =	12 =
3 =	13 =
4 =	14 =
5 =	15 =
6 =	16 =
7 =	17 =
8 =	18 =
9 =	19 =
10 =	20 =

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3-1-4 PI DAY CHALLENGE

Use the digits 3, 1, and 4 exactly one time each along with any mathematical symbol or operation of your choosing to create expressions equivalent to the numbers between 1 and 10.

1 :	
2 :	
3 :	
4 :	
5 :	
6 :	
7 :	
8 :	
9 :	
10	