

Gold Challenge

Clue: Before you peek at the answers, remember what we do at school- do the ones you can do first: Try adding all numbers together; multiplying pairs; adding and then subtracting. All 20 are possible but you might find other ways

Number to make	Possible answers include	
1	$5 - 4 = 1$	
2	$5 - 4 + 1 = 2$	
3	$8 - 5 = 3$	
4	$8 - 4 = 4$	
5	$4 + 1 = 5$	
6	$5 + 1 = 6$	
7	$8 - 1 = 7$	
8	$5 + 4 - 1 = 8$	
9	$5 + 4 = 9$	
10	$5 + 4 + 1 = 10$	
11	$8 + 4 - 1 = 11$	
12	$8 + 4 = 12$	
13	$8 + 5 = 13$	
14	$8 + 5 + 1 = 14$	
15	$5 \times (4 - 1) = 15$	
16	$(5 - 1) \times 4 = 16$	
17	$8 + 4 + 5 = 17$	
18	$5 + 4 + 8 + 1 = 18$	
19	$5 \times 4 - 1 = 19$	
20	$5 \times 4 = 20$	