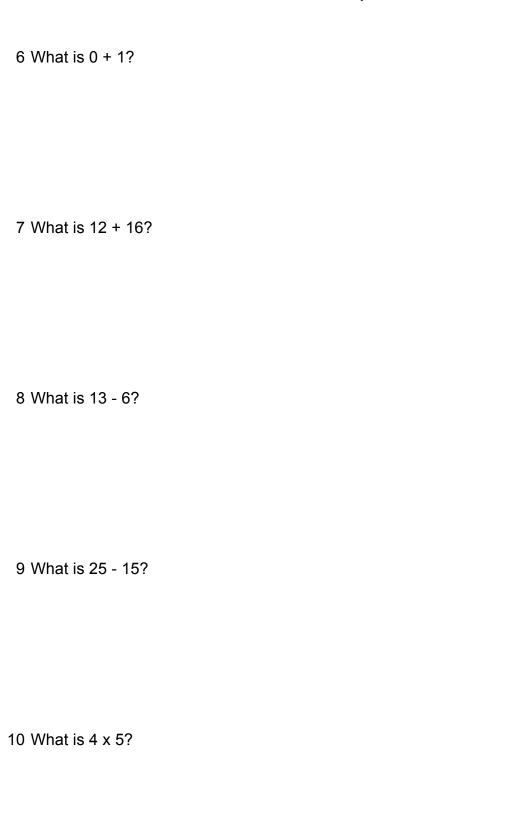
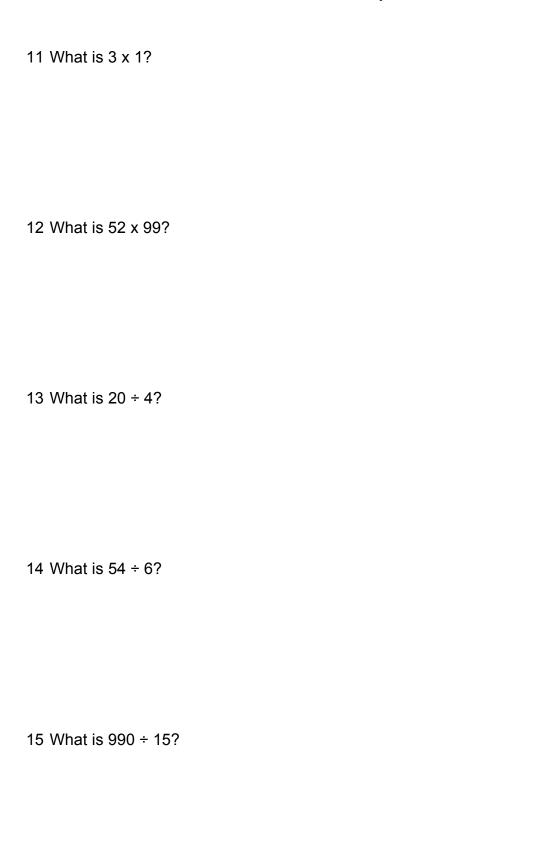
1	The nth term in a certain sequence of numbers is defined to be 8n + 6 for all positive integer values of n. How much larger is item 37 in the sequence than item 22?
2	Bob has 8 times as much money as John, and George has 9 as much money as Bob. The total amount that they have is \$384.75; how much does John have?
3	Kelly is 9 years old. Kelly's mother is 23 years older than Kelly. How old will Kelly's mother be when Kelly is 15 years old?
4	To the nearest tenth, what is 2 + 12 ÷ 12 - 10 ?
5	What is 8 - 4 / 2 ?

Please e-mail comments and suggestions to: edu@ezlink.com





1	ANSWER: 120. EXPLANATION: Each item in the sequence is larger than the number before it by 8, because 8 is the number in front of the n in the formula. Going from item 22 to item 37 requires increasing by 8 exactly 15 times, so we simply multiply 8 by 15 to get the answer.
2	ANSWER: \$4.75. EXPLANATION: For every dollar that John has, Bob has 8, and George has 72. Therefore, every dollar that John has represents a total of 81 dollars. Dividing the total (\$384.75) by this value gives the amount that John has.
3	ANSWER: 38
4	ANSWER: -7
5	ANSWER: 6

6 ANSWER:	1		
7 ANSWER:	28		
8 ANSWER:	7		
9 ANSWER:	10		
10 ANSWER:	20		

11 ANSWER:	3
12 ANSWER:	5148
13 ANSWER:	5
14 ANSWER:	9
15 ANSWER:	66