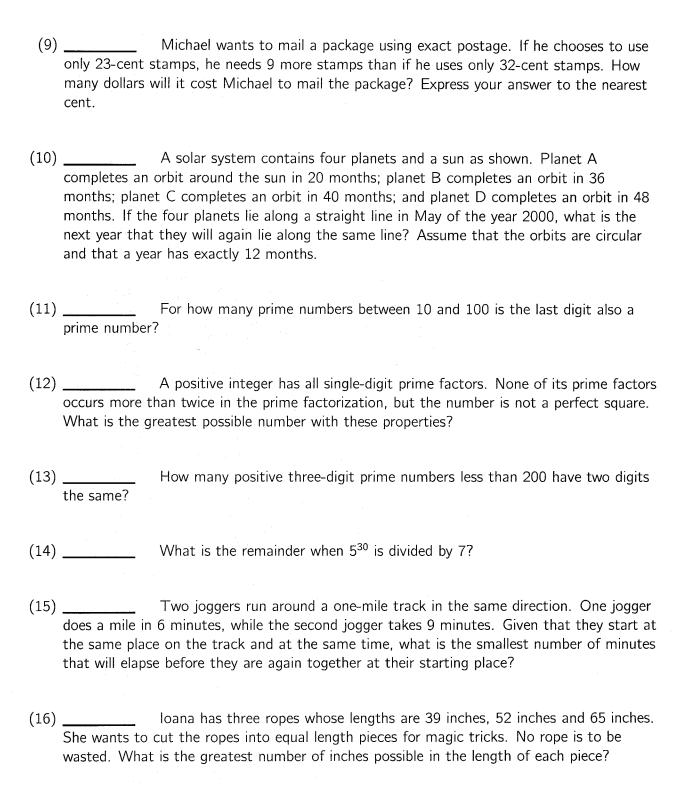
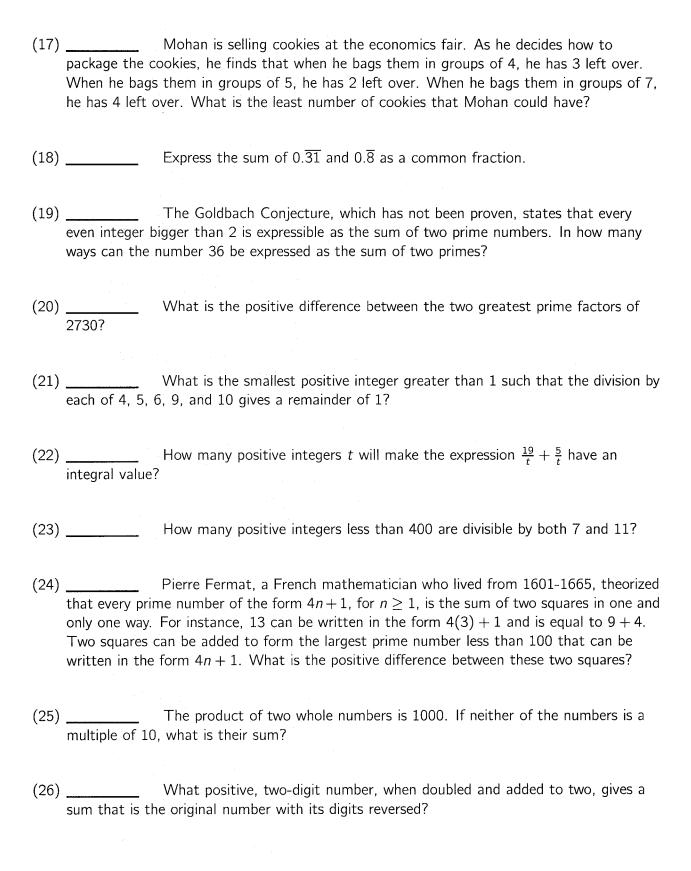
Mathcounts / AMC 8

		ivalile
(1)		More than 20 and less than 50 people went to a concert. The price of each same whole number of dollars, and the total cost was \$377. How many h individual ticket cost?
(2)		The sum of each pair of positive integers x , y that satisfy $3x + 4y = 50$ is nat is the largest such sum?
(0)		
(3)	Most positive can be express	The numbers 3, 5 and 7 are important in many aspects of Japanese life. integers can be expressed as a sum of only 3's, 5's and 7's. For example, 15 sed as $5+5+5$ or $3+5+7$. What is the greatest even integer that ressed as a sum of 3's, 5's and 7's?
(4)	2, 3, 4, 5?	How many possible products can be made from two or more of the numbers
(5)	points (a field	In professional football it is possible to score 6 points (a touchdown), 3 goal), or 2 points (a safety). If a touchdown is scored it is possible to score point (the point after). What is the largest total score that cannot be otball.
(6)		What is the sum of all positive odd multiples of 3 that are less than 100?
(7)		How many two-digit numbers less than 50 have an odd number of factors?
(8)	expressed as a	What is the sum of the reciprocals of the three smallest prime numbers mixed number?





Answer Sheet

Number	Answer	Problem ID
1	13	D4331
2	16	C0B41
3	4	1AC5
4	11	AA011
5	1.	AC4B
6	867	C5C5
7	4	43021
8	壶 3/30	2B011
9	7.36 dollars	50251
10	2120	C4311
11	11	2AC5
12	22050	BDC5
13	7	D1C5
14	1	CA3D
15	18	0B1A
16	13	44331
17	67	A4311
18	119/99	23021
19	4	DD011
20	6	04021
21	181	C3021
22	8	45011
23	5	20C22
24	65	ABB22
25	133	D3021
26	25	AA3D
27	2	BA3D
28	19	0B3D
29	9	3CB22
30	3	BD011