

2013 TRML 思考賽參考答案

1	$A(3, 3) = 3$
2	$A(3, 4) = 3$
3	$A(3, n) = \left\lfloor \frac{2n}{3} \right\rfloor + 1$
4	$A(4, 4) = 3$
5	$A(4, n) = \left\lfloor \frac{n}{2} \right\rfloor + 1$
6	$A(m, n) = \left\lfloor \frac{2n}{m} \right\rfloor + 1$
7	$B(2, n) = \left\lfloor \frac{n}{2} \right\rfloor + 1$
8	$B(3, n) = \left\lfloor \frac{n}{3} \right\rfloor + 1$
9	$B(4, 5) = 2$
10	$B(4, n) = \left\lfloor \frac{n}{5} \right\rfloor + 1$
11	$B(m, n) = \left\lfloor \frac{4n}{m(m+1)} \right\rfloor + 1$