

The post office only has stamps of the denominations 5 cents and 7 cents. What amounts of postage can you buy? What if the denominations are 3 cents and 5 cents? 15 cents and 18 cents?

What generalizations can you make for stamp denominations  $m$  cents and  $n$  cents, where  $m$  and  $n$  are positive integers?

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Priya V. Prasad  
MEAD 2013

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