

Mr Know It All

1. Mr Know It All has one 10p coin, one 5p coin, one 2p coin and one 1p coin. *He thinks he can make any amount of money from 10p to 20p.*



2. *Can Mr Know It All make 10p? Make 11p, and then 12p. So far he is right! Do you think he can make EVERY amount from 10p to 20p? He only has ONE of each coin. I wonder...*
3. Investigate his claim. Record your findings with a tick by each amount possible and a drawing of the coins you used, and a cross by any amounts which are not possible.

Amount	Can he make it?
10p	✓
11p	
12p	
13p	
...	

Challenge

If Mr Know It All also had a 20p coin, which amounts from 20p to 30p do you think he could make? How do you know? What amounts from 30p to 40p could he make?

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