

Firstly, we found out what the square and triangle was worth. We did this by finding a number which was between (5 and 10) (because both of those numbers are either too high or too low.)

We then tried to find out the value of the pentagon. We did this by doing  $8 + 8 = 16$ , because the value of each square is 8. And then  $30 - 16 = 14$ ,  $14 \div 2 = 7$ .

This was the value of the pentagon. Then to find out the value of the circle, we did  $20 - 8 = 12$  and after that  $12 \div 3$  (because there were three circles) which gave us the value of the circles. We

checked it by adding up the values and making sure it equaled the right number. Then after that

we added up the shapes and got the number 21 for the missing number.

By Aonya and Amelle

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