

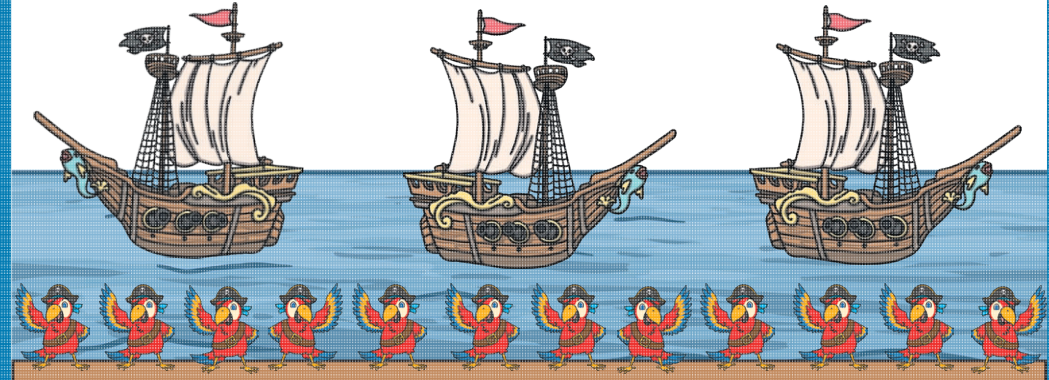
# Maths Challenge Cards



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## Maths Challenge Cards

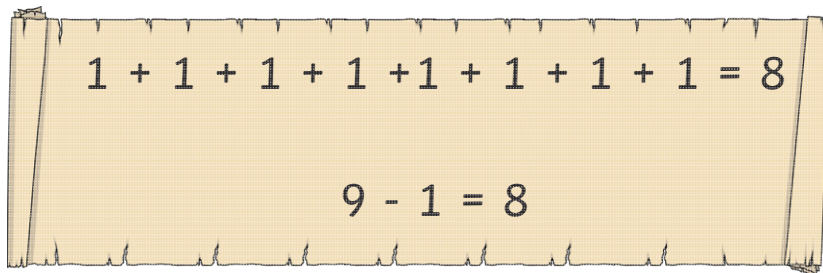
Put 12 parrots onto 3 ships. There must be a different amount of parrots on each ship.



How many different ways are there to do this?

## Maths Challenge Cards

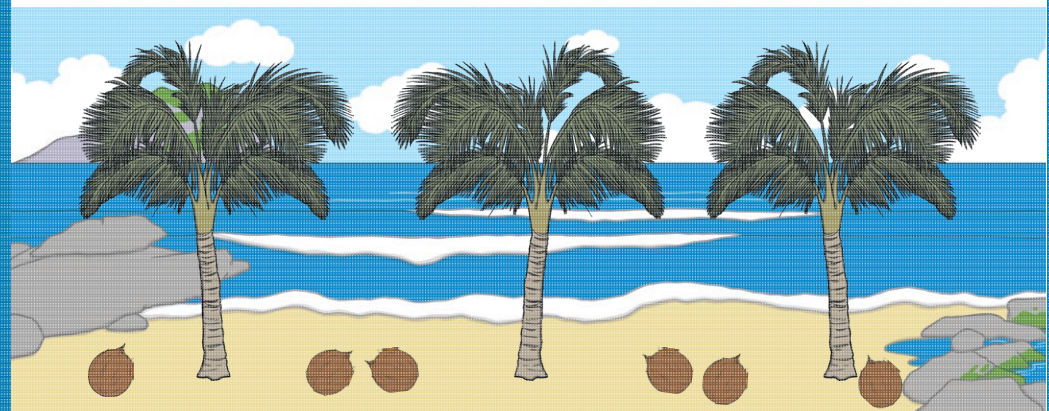
How many different ways can you make 8?



See if you can find 8 different ways!

## Maths Challenge Cards

Put the coconuts onto the trees.

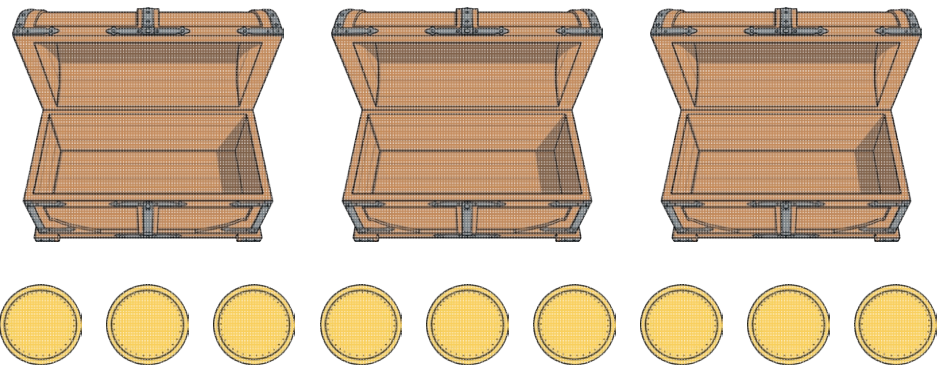


How many different ways are there to do this?



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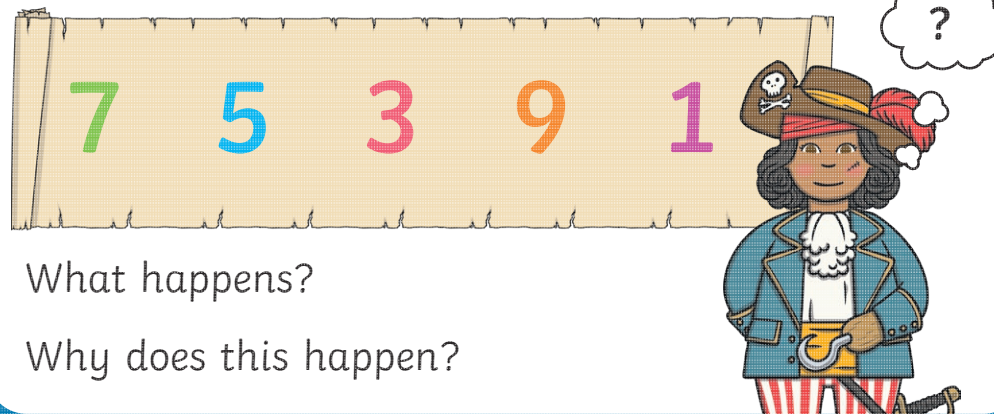
Put 9 coins in the 3 chests. Each chest must have one more coin than the one before.



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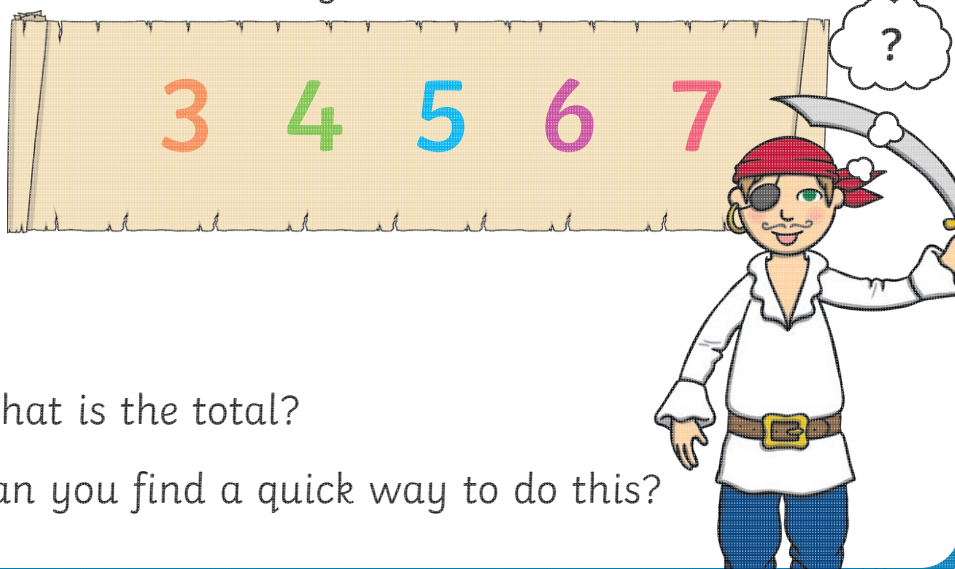
Choose 2 odd numbers and add them together.  
What do you notice?

Try this with different odd numbers.



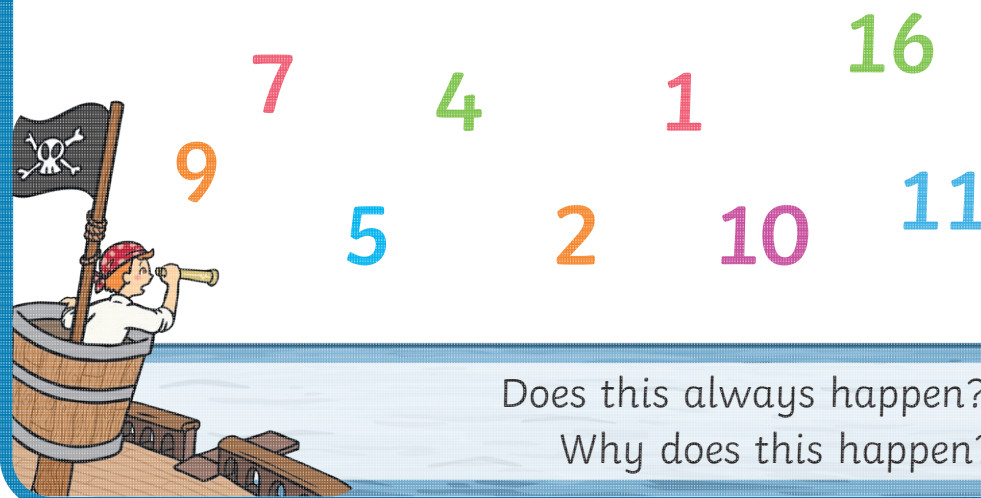
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Add together the numbers.



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What happens when you add an odd number and an even number together?

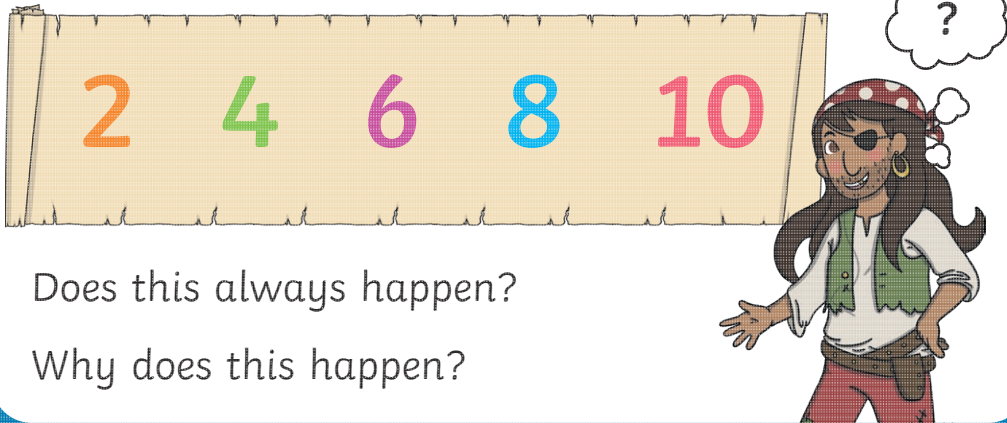




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Choose 2 even numbers and add them together.  
What do you notice?

Try this with different even numbers.



Does this always happen?  
Why does this happen?

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Iris has 28p. How could she spend it?



How many different ways can you find?

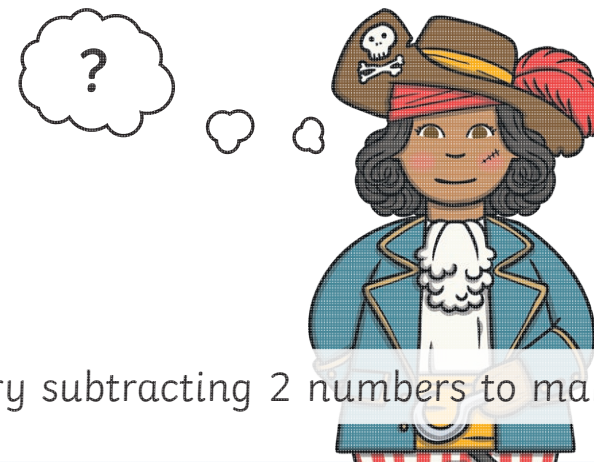
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Abdul has 7 more coins than Greg in his treasure chest. How many coins might they both have?



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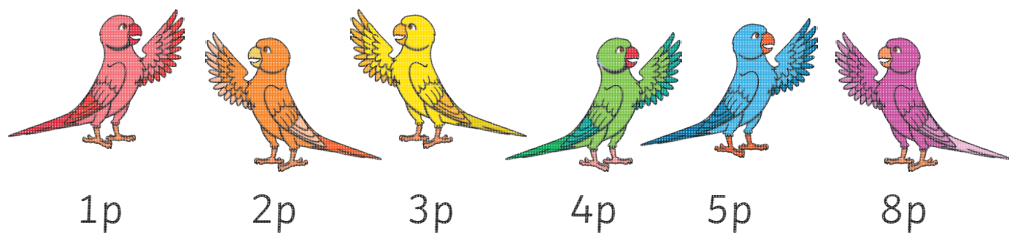
Find 2 numbers next to each other that add up to 15.



Now, try subtracting 2 numbers to make 15.

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You can only buy 1 colour of parrot at a time.



Which parrots can you buy for exactly 15p and how many can you buy?

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Find 2 numbers which give you an answer of 1 when you take the smaller one away from the bigger one.

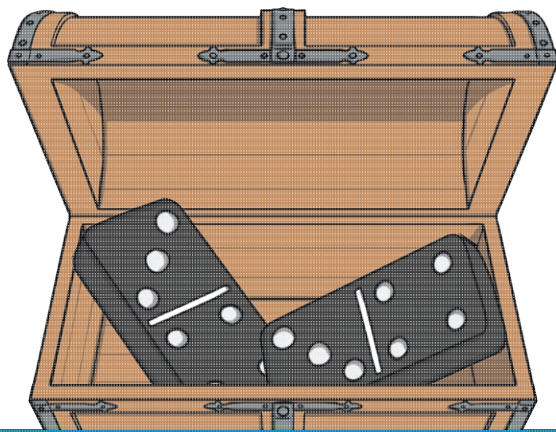


What do you notice?



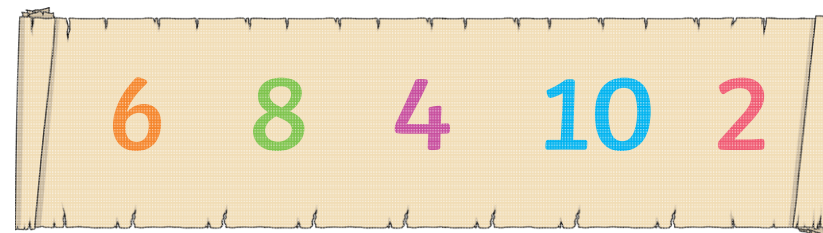
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Dominoes can have 0, 1, 2, 3, 4, 5 or 6 spots on each side. How many dominoes can you find which have a total of 5 spots?



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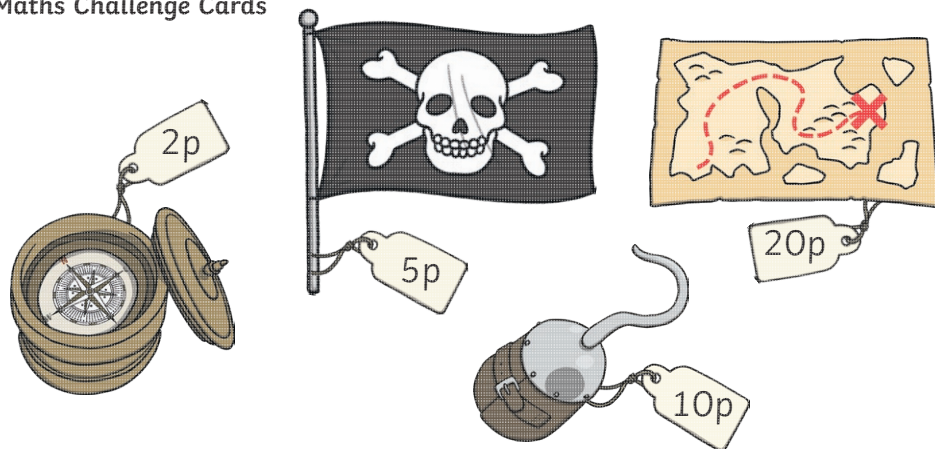
Find as many ways as you can of adding 3 even numbers together to make a total of 14.



You can use each number more than once.

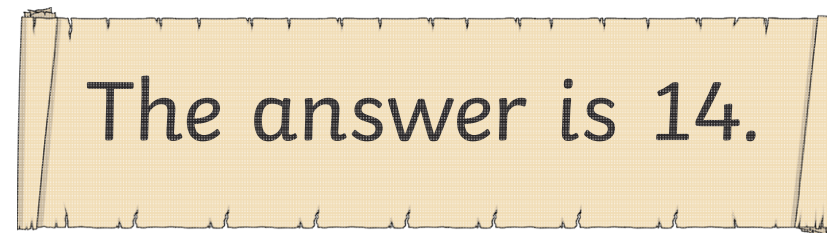


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I spent 32p on 3 items. What did I buy?  
Make up a question for a friend.

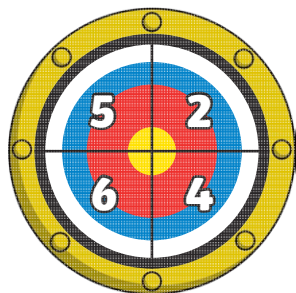
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What is the question?

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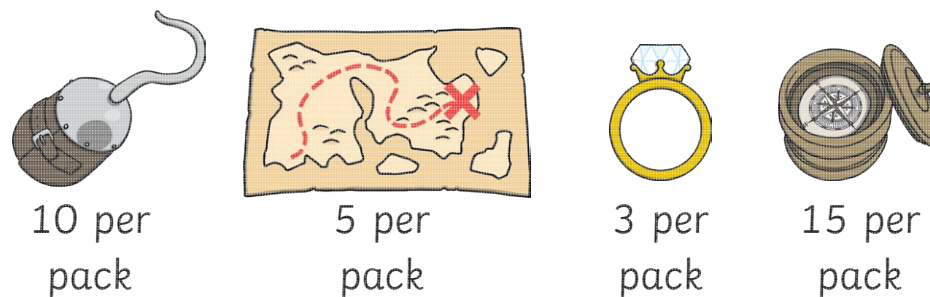
Ashley throws 3 darts at the target board. What is the highest score she can get? What is the lowest score she could get?



What if all the darts land in a different place?

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15 pirates are going on a voyage! How many packets of each items do they need?



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Stephen says he is 6 years older than Mel.  
Mel is 22.



How old is Stephen?



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$$16 = \square + \square$$

How many different ways can you find to do this?

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How long is the line?



Imogen rubs out half of the line.  
How long is it now?

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14 coins are found in a treasure chest.  
Bernie found 6 and Aisha found 5.  
How many coins did Basil find?

