

Doubling and Halving Challenge Cards



Doubling and Halving



1. Can you work out the answers?

a) What is double 2?

c) What is half of 8?

b) What is double 5?

d) What is half of 6?

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2. Can you work out the answers?

a) What is double 3?

c) What is half of 10?

b) What is double 6?

d) What is half of 8?

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3. Can you work out the answers?

a) What is double 1?

c) What is half of 6?

b) What is double 4?

d) What is half of 10?

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4. Can you work out the answers?

a) What is double 8?

c) What is half of 14?

b) What is double 10?

d) What is half of 18?

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5. Yesterday Jane made 5 cupcakes. She made double the amount today. **How many cupcakes did Jane make today?**



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6. Usually there are only 9 people in Laura's dancing class but today there is suddenly double! **How many people are there today?**

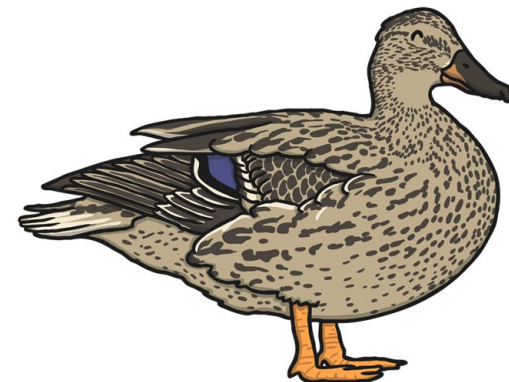


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7. Today George saw 10 ducks at the pond. Yesterday he saw double that amount. **How many did he see yesterday?**

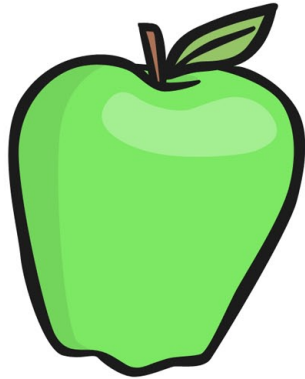


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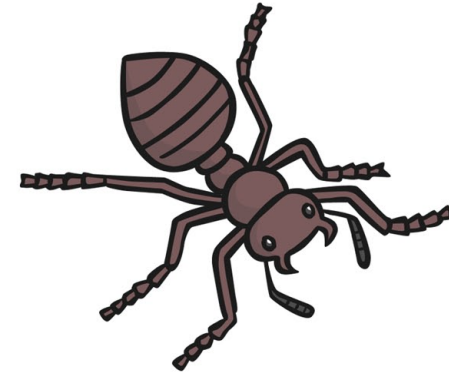
8. There were 8 apples in the fruit bowl, but now there is double. **How many apples are there now?**



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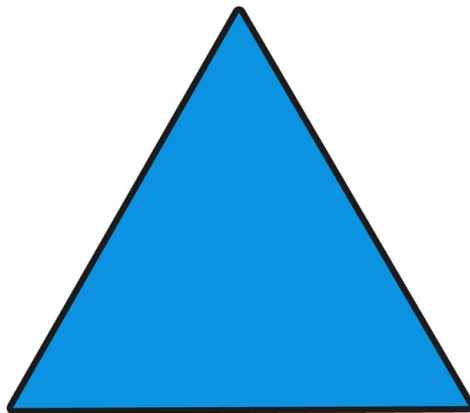
9. Darren had 6 ants yesterday but today, he has double the amount. **How many ants does Darren have today?**



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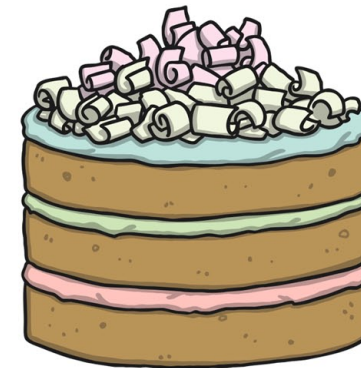
10. A triangle has 3 sides. **How many sides do 2 triangles have?**



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11. In the morning Susie made 2 cakes. In the afternoon she made double this. **How many cakes did she make in the afternoon?**



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12. Boris is 7. Amy is double his age. **How old is Amy?**



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13. In the football match Philip scored 2 goals. Henry scored double. **What did Henry score?**



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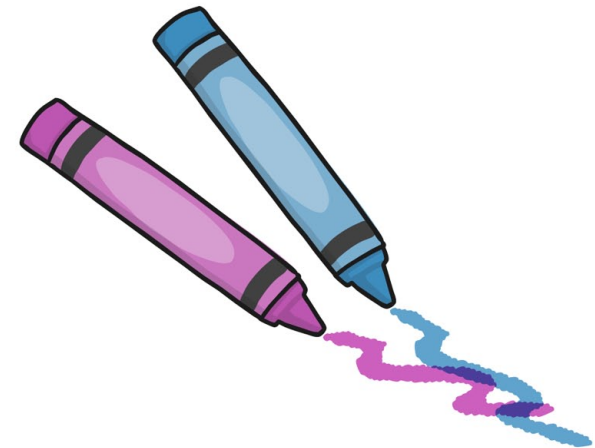
14. In March it rained for 6 days. In April it rained for double that amount. **How much did it rain in April?**



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15. Matthew has 14 crayons. This is double the amount Andrew has. **How many crayons does Andrew have?**



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16. Granny is making an apple pie. She has 8 apples but needs double this. **How many apples does Granny need?**



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17. In the football match Jenny scored 3 goals and Hannah scored double that. **What did Hannah score?**



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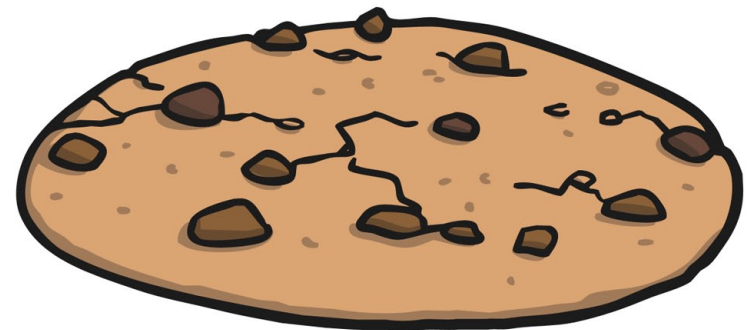
18. Fred found 1p behind the sofa. The next day his friend Jayden found double. **How much did Jayden find?**



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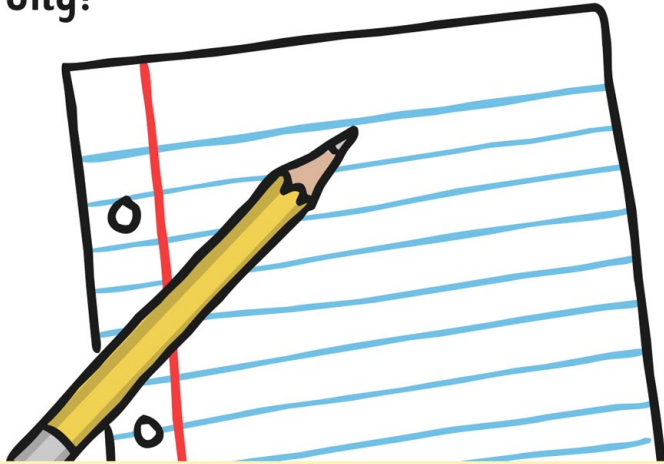
19. In a cookie eating contest Ashton ate 5 cookies. Imogen ate double this. **How many cookies did Imogen eat?**



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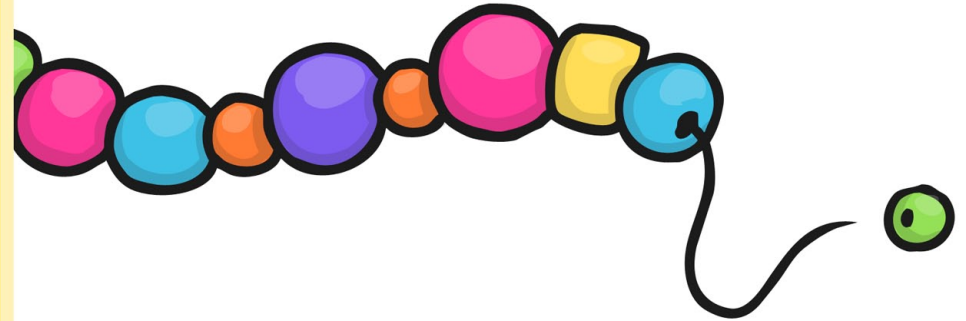
20. Rachel got 10 out of 10 on her test. Abi got half as much as Rachel. **How many did Abi get wrong?**



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21. Emily found 2 beads and then she doubled the amount of beads she had. **How many beads does Emily have now?**



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22. Yesterday Olivia finished 4 questions. Today she has finished double that. **How many questions has Olivia finished today?**



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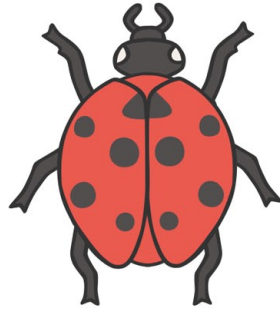
23. For his birthday Thomas got 20 presents. This was double what his brother got. **How many presents did his brother get?**



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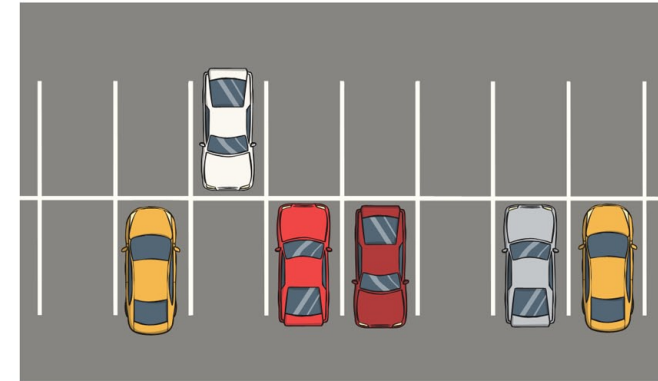
24. One ladybird has 12 spots. The second ladybird has half the number of spots of the first ladybird. **How many spots does the second ladybird have?**



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25. There were 6 cars in a car park. Half of them were driven home. **How many cars were left in the car park?**



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26. 8 children were playing a game of football. Half of them were wearing red shirts. **How many of them were wearing red shirts?**



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27. A car has 4 tyres. Half of the tyres have a puncture. **How many tyres need to be repaired?**



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28. Josie has 2 cupcakes. **She eats half of them.**
How many cupcakes are left?



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29. There were 10 caterpillars in the tree. Half of them became butterflies. **How many butterflies were there?**



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30. A van has four wheels. **How many wheels do two vans have?**



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31. A bus was taking 20 children on a trip. Half of them were girls. **How many were boys?**



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32. There were 14 candles on the cake. **Half of them were blown out. How many of them were still alight?**



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33. Yesterday Janice made 11 buns. She made double the amount today. **How many buns did Jane make today?**



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34. Usually there are only 15 people in Lauren's ballet class but today there is suddenly double! **How many people are there today?**

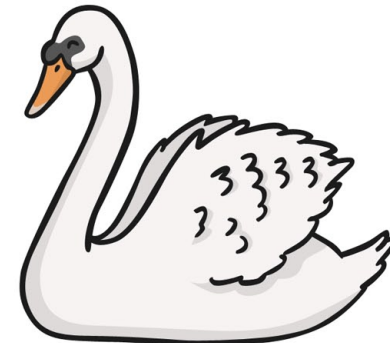


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35. Today George saw 25 swans at the pond. Yesterday he saw double that amount. **How many did he see yesterday?**

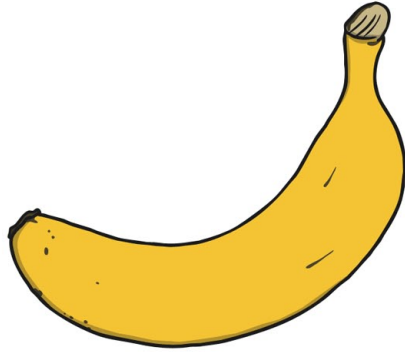


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36. There were 16 bananas in the fruit bowl, which is double the amount there normally is. **How many bananas are there normally?**

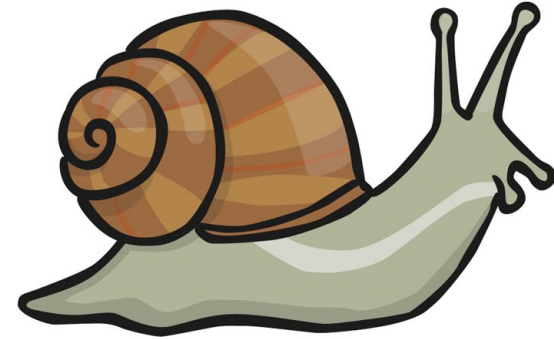


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37. Dan had 13 snails yesterday but today he has double the amount. **How many snails does Dan have today?**

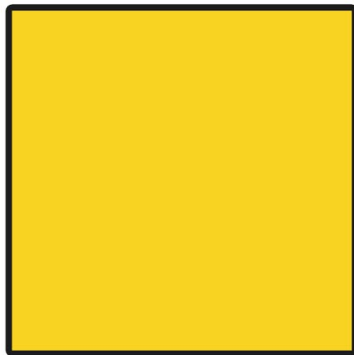


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38. A square has 4 sides. **How many sides do 2 squares have?**

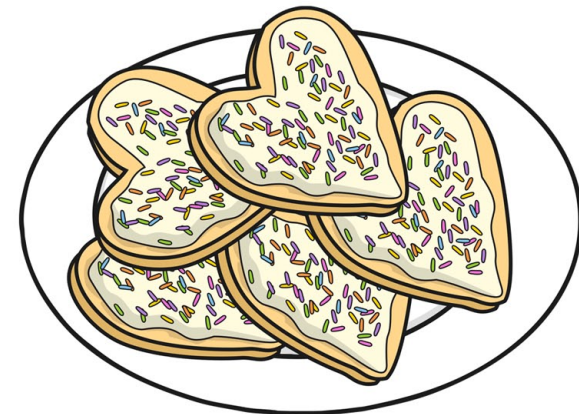


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39. In the morning Sarah made 12 biscuits. In the afternoon she made double this. **How many biscuits did she make in the afternoon?**

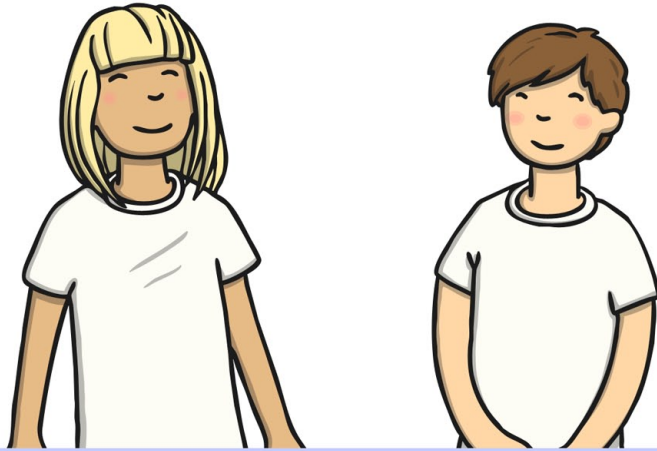


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40. Ben is 12. Annie is half his age. **How old is Annie?**



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41. In the football match Philip scored 2 goals, Henry scored double this and Joe scored double Henry's score. **What did Joe score?**



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42. In March it rained for four days. This April it rained for double that and in May it rained double the amount it did in April. **How much did it rain this month?**



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43. Usman has 20 marbles. This is double the amount Andy has. **How many marbles does Andy have?**



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44. Granny is making an apple pie. She has 18 apples, which is double the amount she needs. **How many apples does Granny need?**



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45. In the football match Jenny scored 9 goals and Hannah scored double. **What did Hannah score?**



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46. Fred found £10 behind the sofa. The next day Sarah found double. **How much did she find?**

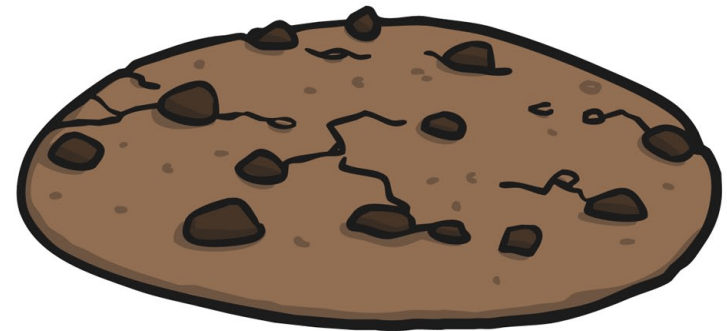


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47. In a cookie eating contest Ashton ate 14 cookies. Imogen ate double this. How many cookies did Imogen eat?

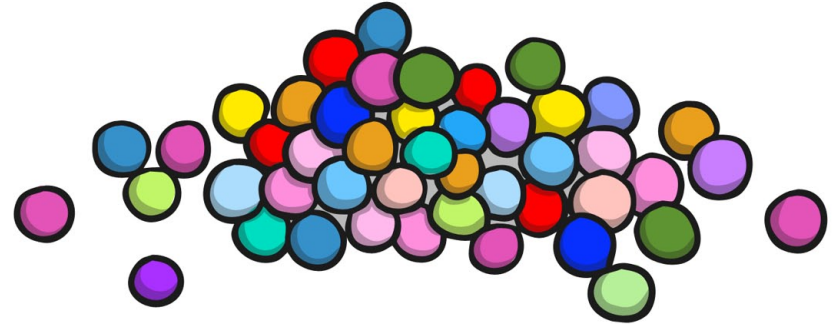


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48. Rachel got 40 out of 40 on her test. This was double what Abi got. **How many did Abi get wrong?**



49. Tilly found 16 beads and then she doubled the amount of beads she had. **How many beads does Tilly have now?**



50. Yesterday Olivia finished 24 questions. This is double the number she answered today. **How many questions has Olivia finished today?**



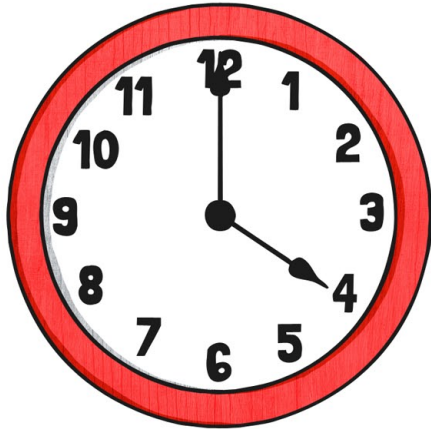
51. For his birthday Tony got 22 presents. This was double what his brother got. **How many presents did his brother get?**



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52. There are 24 hours in a day. **How many hours are in half a day?**

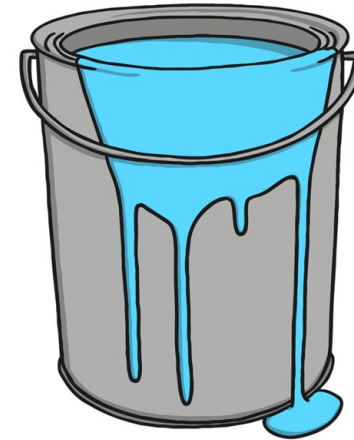


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53. There are 16 pots of paint on the shelf. Half of them are blue. **How many pots of paint are blue?**

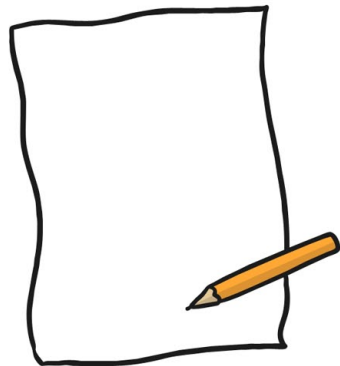


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54. There are 18 jobs on a list. Half of them have been done. **How many jobs are left to do on the list?**

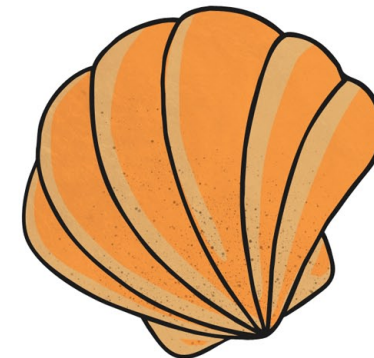


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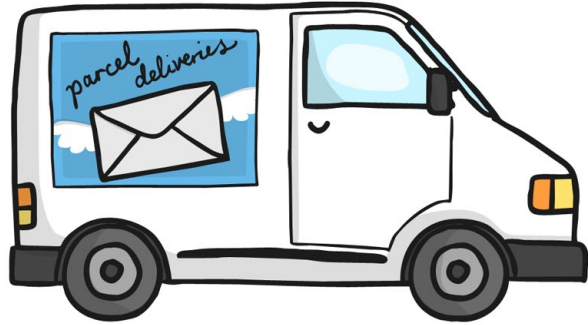


55. There are 30 shells in a box. Half of them are orange. **How many of them are orange?**



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56. A van has four wheels. Half the wheels fall off.
How many are left?



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Answers

1. a. 4	12. 14	29. 5	46. £20
b. 10			
c. 4	13. 4	30. 8	47. 28
d. 3			
	14. 12	31. 10	48. 20
2. a. 6			
b. 10	15. 7	32. 7	49. 32
c. 5			
d. 4	16. 16	33. 22	50. 12
3. a. 2	17. 6	34. 30	51. 11
b. 8			
c. 3	18. 2p	35. 50	52. 12
d. 3			
	19. 10	36. 8	53. 8
4. a. 16			
b. 20	20. 5	37. 26	54. 9
c. 7			
d. 9	21. 4	38. 8	55. 15
5. 10	22. 8	39. 24	56. 2
6. 18	23. 10	40. 6	
7. 20	24. 6	41. 8	
8. 16	25. 3	42. 16	
9. 12	26. 4	43. 10	
10. 6	27. 2	44. 9	
11. 4	28. 1	45. 18	