



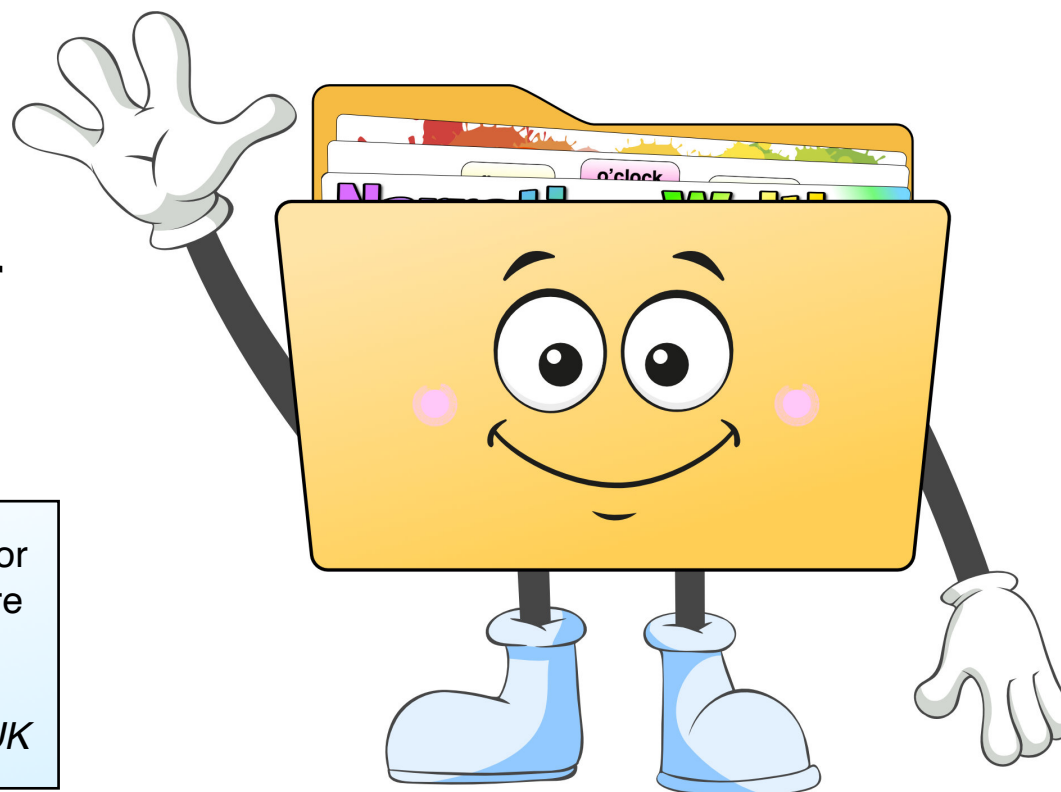
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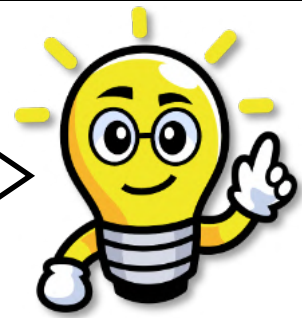
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Can you solve
each problem by
making a list?



1) Preston had 10 fruit bars. On Monday, he ate one of them, and on Tuesday, he ate two bars. If he ate three bars on Wednesday, how many bars were left?

2) Ella is choosing two fruits from apple, banana, kiwi, mango and pear to make a smoothie. How many different smoothies could she make?

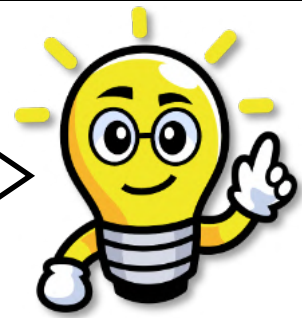
3) Kim was shopping with her friends. She bought a Lego set, and her friend, Pete, bought four toy cars. Mel's other friend, Leo, bought a football. How many items did they buy altogether?

4) Barney has two spinners. Each spinner has the numbers 2, 4 and 6 on it. How many different totals could he get when he spins both spinners?

5) Noura wants to make 12 by adding two different numbers from 1 to 8. How many pairs make 12?



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6) A bus is driving to Margate. If it starts with eleven people, five more people get on in Deal and six people get off in Ramsgate, how many passengers are there when it arrives in Margate?

7) Mike is choosing a 2-letter code using A, B, C and D. How many codes have two different letters?

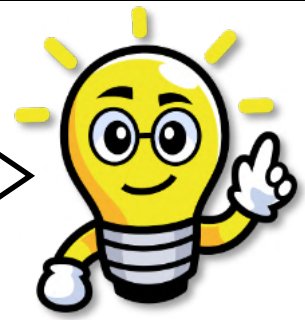
8) Josh is rolling two dice. He wants to know how many different totals are possible when he adds the two numbers. How many different totals could he get?

9) Helen and her friends collect marbles. Helen has twelve, Mark has nine, Jon has eight and Libby has five. How many marbles do they have in total?

10) Karl makes an even 3-digit number using the digits 2, 5 and 8. He can only use each digit once. How many numbers could he make?



Answers



- 1) 4 bars
- 2) 10 different smoothies
- 3) 6 items
- 4) Five (4, 6, 8, 10 and 12)
- 5) Two pairs (4 and 8, 5 and 7)
- 6) Ten people
- 7) Twelve (AB, AC, AD, BA, BC, BD, CA, CB, CD, DA, DB, DC)
- 8) Eleven (2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12)
- 9) 34
- 10) Four (258, 528, 582, 852)