

**Question 1**

Max worked at an olive farm, if he picked the olives from the lowest trees at a rate of  $\frac{3}{7}$  a tree, per hour, how long does it take for him to pick 3 trees?

**Question 2**

Harriet works at a restaurant where she gets paid \$6,895 dollars a week. She works all week, including weekends. She works the same number of hours every day. How much does she earn in a day?

**Question 3**

At New World, apples cost \$3.50 a kilogram. Samantha buys  $3\frac{1}{2}$  kilograms of apples. How much did the apples cost in total?

**Question 4**

Jeraldine had 120 toys,  $\frac{1}{4}$  of them were teddy bears,  $\frac{1}{3}$  of them were barbies and the remainder were trucks. How many trucks did Jeraldine have?

**Question 5**

Bridget bought a fidget spinner and a fidget cube. Together, they cost \$1.10. The fidget spinner cost exactly \$1.00 more than the fidget cube. How much did the fidget cube cost by itself?

**Question 6**

Luke wants to catch a train from Pinksville to Bluesville. The trains from Pinksville to Bluesville begin at 8.15am, and run every 25 minutes. It takes 25 minutes to get from Pinksville to Bluesville. He wants to arrive as close to 1.35pm as possible. If there isn't a train that arrives exactly on time, he wants to be early. Which time should he catch the train from Pinksville?

**Question 7**

In a jar there are 160 Fruit Bursts. If Jacob takes  $\frac{11}{20}$  of the Fruit Bursts, Sarah takes 30% and Ben takes the rest. How many Fruit Bursts does Ben take?

**Question 8**

Sienna is mowing her lawn. In one minute, she mowed 3 square metres. It took her 48 minutes to mow her whole lawn. How many square metres is her lawn?

**Question 9**

If Peter, Oliver and Katherine had \$25 between them. Peter spent 35%, Oliver spent  $\frac{1}{4}$  and Katherine spent the rest. How much did Katherine spend?

**Question 10**

Emma earned \$90 for mowing her lawn. She then spent  $\frac{1}{3}$  of this money on a t-shirt. With her remaining money she spent  $\frac{1}{5}$  of it on Alice's birthday present. How much money does she have now?

**Question 11**

Use all 9 letters to make a mathematical word.

T	A	N
C	G	O
L	A	O

**Question 12**

Donald is ordering bricks for a wall. Each brick weighs 0.75 kilograms. If he can have 93 kilograms of brick, how many bricks will he need?

**Question 13**

Which three consecutive numbers have a sum of 66?

**Question 14**

Taya had a number. She multiplied it by 2, added 6, subtracted 2, then divided it by 4. She ended up with 25. What was her original number?

**Question 15**

Max made a hat. He sourced 50% of the material in Siberia, 29% in Hungary and the remaining amount in Germany. If he used 20 square metres of material overall, how much was sourced in Germany?

**Question 16**

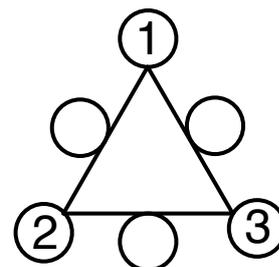
Annabelle and Harriet went to a movie at exactly 9.37am. If the movie finished at 11.19am, how long was the movie?

**Question 17**

If Sally spent \$16 and Mikayla spent \$24 how much more money did Mikayla spend than Sally?  
Give your answer as a simplified ratio.

**Question 18**

Place the numbers 7, 6 and 5 along the sides of the triangle so that all sides equal the same. What number goes in between 1 and 3?



**Question 19**

Remi bought 3 bananas a day for a year. How many bananas did Remi buy on the 23rd week?

**Question 20**

A house with a total surface area of 512 square meters is being taken over by a green moss. Every minute, the number of square meters taken over by the moss doubles. If in the first minute 1 square metre is taken over, how long will it take for the whole house to be covered in the moss?

**Question 21**

What number goes in the spare box?

0	1	2	3	4	5	23
2	4	6	8	10	12	

**Question 22**

Taya buys 3 tins of mayonnaise. If they cost \$12 each, and they were discounted 10% each, how much did all 3 tins of mayonnaise cost after being discounted?

**Question 23**

Johnny is one of the world's fastest rowers. He can row 4km in 1 minute and 12 seconds. If he maintains this pace, how long in minutes and seconds would it take him to row 7 kilometres?

**Question 24**

Lorne dipped his cracker in dip 32 times and Bella dipped her cracker in dip 12 times, show this as a simplified ratio.

**Question 25**

The product of 3 prime numbers is 1265. What are the 3 prime numbers?

**Question 26**

Lily thought of a 2-digit number between 18 and 39. The product of the digits is equal to double the sum of the digits. What number did Lily think of?