SAMPLE PAPER

AGE 9-10

MATHS – WORD PROBLEMS

Read the problem. Note down the numbers. What do I need to find?

1. A big cardboard box contained 10 trays of eggs. Each tray had 30 eggs. How many eggs were there in total?

   _____

2. A basket had 500 apples. Half of them were rotten. How many rotten apples were there?

   I know half of 500!

   _____

3. I helped my mum to make the cake mix. She added 1.5kg cake mix and 1kg butter. Then 0.5kg of brown sugar and another 0.5 kg of white sugar. What is the total weight of the items she added to make the cake?

   _____

4. Mrs Henry wants to take sweets to an orphanage. She bought small bags and arranged 10 sweets in each. There are 200 children in the orphanage. How many sweets should she buy?

   _____

WISDOMHIVE

5. Oliver needs £6000 to buy his favourite sports bike. He has £5500 in his wallet. He thought to ask for the balance from his Dad. How much money does he need from his Dad?

_____

6. Hazel was born in the year 2011. Her brother is ten years older than her. In which year was her brother born?
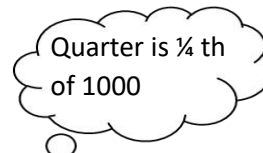
_____

7. Pete's grandma lives 5km away from their home. On weekends, Pete rides his bicycle to see his grandma every morning and returns home in the evening. How many **metres** has he cycled in a day by travelling to see Grandma?

_____

8. I have 1000 stamps in my stamp collection book. My brother wants a quarter of my stamps. How many stamps should I give him?

Quarter is ¼ th of 1000

_____

9. Zarin helped his Dad with gardening. They started at 8:15 AM and finished by 10:45 AM.
How long did they take for gardening?

_____

10. Justin takes his dog for a walk every day. If he walks for 10 minutes per day, how many seconds does he walk each day?

_____

11. A banana bread recipe calls for 8 bananas. If you have 64 bananas, how many banana breads can you make?

_____

12. A cat can sleep for 18 hours a day. How many hours does a cat sleep in a week?

_____

13. The living room of a house is 15 feet long and 12 feet wide. What is the perimeter of the living room?

_____

14. An elephant's trunk can lift to 600 kilograms of weight. How many kilograms of weight can a herd of 10 elephants lift with their trunks?

_____

15. A strawberry farmer has 100 strawberry plants. Each plant produces an average of 10 strawberries. How many strawberries does the farmer have in total?

_____

16. A tour group of 20 people is going to visit 5 different cities. If each city takes 2 hours to visit, how many hours will the tour take in total?

_____

17. A farmer has 120 hens that he wants to sell. He wants to sell them for £10 each. How much money will he make if he sells all of the hens?

_____

18. A family goes out to eat and the bill comes to £150. They leave a £20 tip. How much did they spend in total?

_____

19. A girl has £100 to spend on clothes. She buys a pair of jeans for £50 and a shirt for £25. How much money does she have left?

_____

20. A company earns £500,000 in sales. They spend £200,000 on expenses. How much profit did they make?

_____

21. Emily went to the store and bought a new dress for £250 and a pair of shoes for £150. How much did she spend in total?

_____

22. Amy had £10. She bought a notebook for £2.50 and a pen for £1.50. How much money did she have left?

_____

23. Mum had £1000 in her till. She gave £200 to me. How much money is left in the till?

_____

24. A car travels at a speed of 60 kilometres per hour. How far will it travel in 2 hours?

_____

25. There are 30 toy trains in each box. If there are 5 boxes, how many toy trains are there in total?

_____

26. It is 11:00 AM. What time will it be in 3 hours and 15 minutes?

_____

27. Sarah has £2. She loses 20p. How much money does she have left?

_____

28. A kitten weighs 2.5 kg. How many grams does the kitten weigh?

_____

29. Cathy brought an apple and 10 carrot sticks for the pet. Ashley brought 6 strawberries and 12 celery sticks for the same pet. How many pieces did they bring all together for the pet?

_____

30. A table is 1 meter and 50 centimetres wide. How many centimetres wide is the table?

_____

31. A family went on a safari and saw 60 elephants, but half of them were resting. How many elephants were active?

_____

32. A skateboarder travels at a speed of 10 kilometres per hour. How far will it travel in 30 minutes?

_____

33. There are 6 passengers in first class, 11 passengers in the business class, and 80 passengers in the economy class. How many passengers are on the plane?

_____

34. The plane has a capacity of 100 passengers. If each passenger has a carry-on bag, how many carry-on bags are on the plane?

_____

35. The park has 10 benches. Each bench can seat 4 people. How many people can sit on all the benches?

_____

36. It takes me 15 minutes to walk to school. If I leave at 08:10 AM, what time will I get to school?

_____

37. A dentist charges £50 for a checkup and £25 for a cleaning. How much will it cost a patient to get both a checkup and a cleaning?

_____

38. A doctor saw 25 patients in the morning and 10 patients in the afternoon. How many fewer patients did he see in the afternoon than in the morning?

_____

39. You are playing a video game and you have 200 coins. You find a treasure chest that contains 110 more coins. How many coins do you have now?

_____

40. A carton of milk holds 1000 ml. If you use 350 ml to make pancakes, how much milk will be left in the carton?

_____

41. A baker made 36 chocolate chip cookies. She put 12 cookies in each bag. How many bags of cookies did she make?

_____

42. 30 healthy rabbits are running about in a field. How many legs do all the rabbits have in total?

_____

43. Little Lily eats $\frac{1}{2}$ of a pumpkin pie while her little brother eats $\frac{1}{4}$ of the pie. How much of the pie is left?

_____

44. A student scored 65% on a science exam. If the student's mark was 15 marks below the highest mark in the class, what was the highest mark in the class?

_____

45. Anna's mom is 35 years old and her grandma is 70 years old. How much older is Anna's grandma than her mom?

_____

46. The toy store is having a buy one, get one free sale on all of its toys. A Lego toy costs £150. If my dad got two Lego toys for me, how much did he pay?

_____

47. A recipe asks for 1.25 teaspoons of salt. If you only have 1 teaspoon of salt, how much salt do you need to add to make the full recipe?

_____

48. A box of apples weighs 10 kilograms. There are 20 apples in the box. How much does each apple weigh?

_____

49. There are 30 cookies in a box. A child eats half of the cookies. How many cookies are left?

_____

50. You walk by a pond and see 10 fish, 5 frogs, and 15 turtles. How many animals did you see in the water?

_____

ANSWER SHEET(Sample Paper) Age 9-10

1. 300 eggs
2. 250 rotten apples
3. 3.5 kg
4. 2000 sweets
5. £500
6. 2001
7. 10000 metres   [1km = 1000m, 10km=10000m]
8. 250 stamps
9. 2 hours ad 30 minutes   OR 2 ½ hours
10. 600 seconds   [1 minute = 60 seconds]
11. 8 banana breads
12. 126 hours
13. 54 feet
14. 6000kg
15. 1000 strawberries
16. 10 hours
17. £1200
18. £170
19. £25
20. £300,000
21. £400
22. £6
23. £800
24. 120 km
25. 150 toy trains
26. 02:15 PM
27. 180p / £1.80
28. 2500g
29. 29 pieces
30. 150cm
31. 30
32. 5 km
33. 97 passengers
34. 100 carry-on bags
35. 40 people
36. 08:25 AM
37. £75
38. 15 fewer patients
39. 310 coins
40. 650 ml
41. 3 bags of cookies
42. 120 legs
43. ¼ of the pie
44. 80%
45. 35 years
46. £150
47. ¼ tsp / 0.25 tsp
48. 500g / 0.5kg   [10,000g ÷ 20]
49. 15 cookies
50. 30 animals