

**Question 1****(23 marks)**

1. Look at this number: 218 300 544

- a. Write the number in expanded notation: (1)
- b. Round off this number to the nearest 1 000 (1)
- c. List all the prime numbers between 80 and 90: (1)

2. Find the solutions for these sums:

- a.  $937\,332 + 930\,258$  (1)
- b.  $208\,608 - 88\,975$  (2)
- c.  $1\,537 \times 893$  (2)
- d.  $9\,646 \div 371$  (4)

3. Find the solutions for these story sums:

- a. A baking factory has 741 285 raisins in its warehouse. On Monday they use 34 632 raisins and on Tuesday they use 199 545 raisins. How many raisins are left for the rest of the week? (4)
- b. There are 212 school days in a year, The tuckshop makes 5 724 toasted sandwiches over the year. How many toasted sandwiches were made each day? (4)
- c. A marketing company sends 4 147 every day for a year. How many emails did they send in 365 days? (3)

1. Write a number sentence to represent this story:

*There are apples and oranges in a bag. Altogether there are 36 pieces of fruit.*

*There are twice as many apples as there are oranges.*

(1)

2. Give the letter for the equivalent number sentence to this number sentence:

$$25 \times 27 =$$

(1)

a.  $25 \times 20 + 7$

b.  $25 \times 20 + 25 \times 7$

c.  $20 + 5 \times 27$

d.  $20 + 5 \times 20 + 7$

3. Simplify this number sentence:  $2(3 + \blacksquare) = 14$

(1)

4. Look at the table given below of a number pattern before answering the questions that follow:

m	1	2	3	4	q
n	6	12	18	p	42

a. Write down the number pattern given in the table in words.

(1)

b. Write down a number sentence to describe the pattern.

(1)

c. Give the values of p and q.

1. Find the answer to this sum:  $\frac{3}{10} + \frac{7}{50} - \frac{21}{100}$  (2)

2. Is  $\frac{3}{7}$  greater than, less than, or equal to  $\frac{10}{21}$ ? (1)

3. What is  $\frac{4}{9}$  of 36? (2)

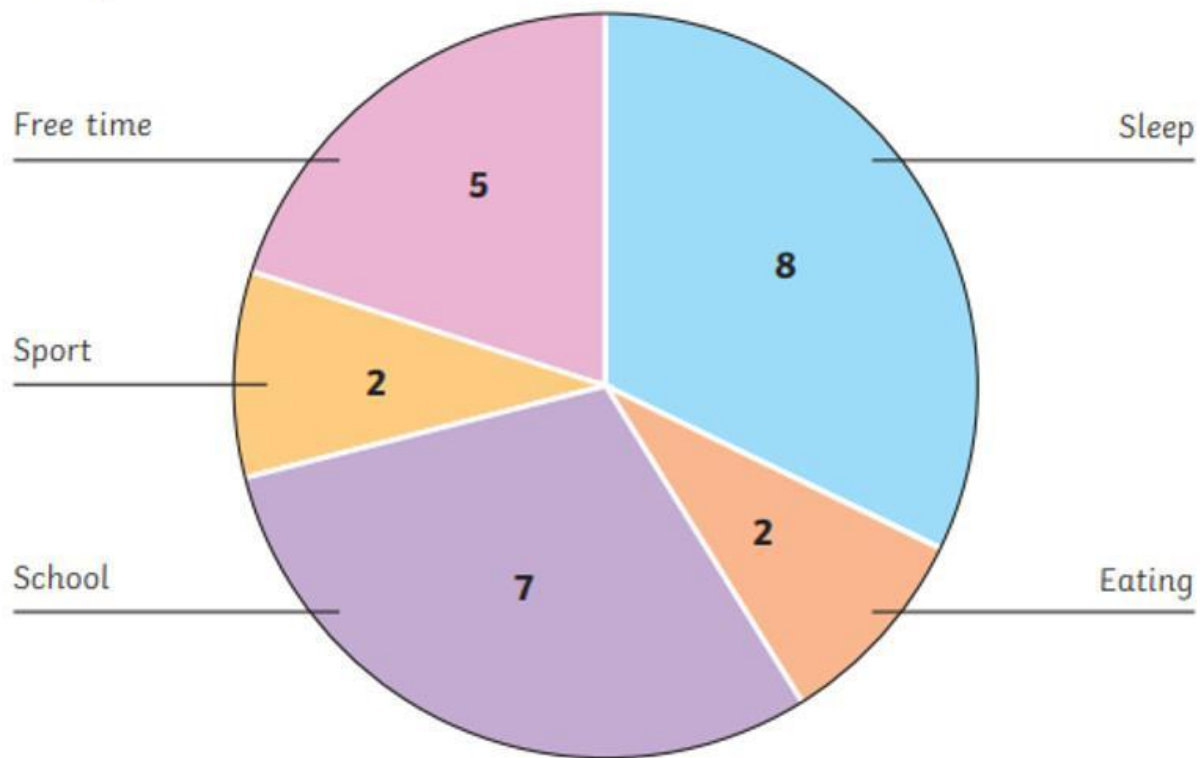
4. Convert this fraction to a decimal number:  $\frac{17}{25}$  (2)

5. Convert this decimal number to the simplest fraction: 0,05 (2)

6. Continue counting on for three more places:  
0,12      0,24      0,36      \_\_\_\_\_ (3)

7. Find the answer to this sum:  $0,97 + 0,54 - 0,63$  (3)

2. Given below is a pie graph that shows how Kgothatso spends her time every Monday.



- Give the simplest fraction for the amount of time Kgothatso spends sleeping. (2)
- Which two activities does she spend the same amount of time on? (1)
- What do you think could be missing from the pie chart?  
And why do you think it was excluded? (2)