

Summary of Question paper

This paper consists of questions regarding fractions, operations and time

Questions		TOTAL
Knowledge		
Question 1	General questions	6
Understanding		
Question 2	Operations with fractions	12
Application		
Question 3	Operations	5
Reasoning		
Question 4	Word problem	2
		TOTAL: 25

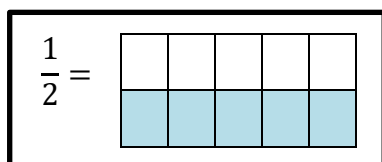
Knowledge

Question 1.1

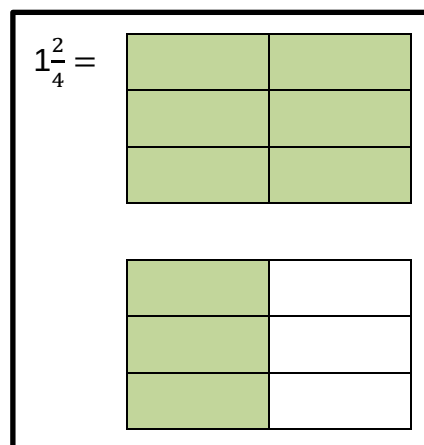
Colour the fractions as indicated.

(3)

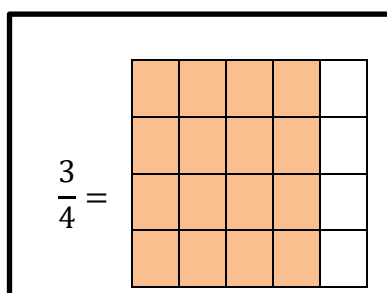
(a)



(b)



(c)



Question 1.2:

Write the mixed numbers as improper fractions.

(3)

(a)	$2\frac{3}{6} = \frac{15}{6}$	(b)	$3\frac{4}{5} = \frac{19}{5}$
(c)	$7\frac{5}{12} = \frac{89}{12}$		

Understanding

Question 2.1:

Determine the correct answers.

(2)

(a) $5 + \frac{2}{5} \rightarrow \boxed{5\frac{2}{5}} + \frac{3}{5} \rightarrow \boxed{6} + 1\frac{6}{10} \rightarrow \boxed{7\frac{6}{10}}$

(b) $4 - \frac{1}{2} \rightarrow \boxed{3\frac{1}{2}} + \frac{1}{2} \rightarrow \boxed{4} - 1\frac{2}{4} \rightarrow \boxed{2\frac{1}{2}}$

Question 2.2:

(4)

Write down the correct symbol. (<,>,<math>=</math>)

(a) $25c \times 3$ R100-R25

(b) $R1\ 000 \div 4$ R255

(c) $4 \times 15c$ $2 \times 30c$

(d) $10 \times R24,50$ R2450,00

Question 2.3:

____(4)

Determine the correct amount.

(a) $\frac{1}{4}$ of R48 =	R12	(b) $\frac{2}{5}$ of R60 =	R24
(c) $\frac{3}{8}$ of R120, 00 =	R45	(d) $\frac{2}{3}$ of R150,36 =	R100,24

Question 2.4.:

(2)

Underline the correct answer.

$\frac{4}{7}$	$\frac{15}{7}$
Improper fraction/ Proper fraction	Improper fraction /Proper fraction

Application**Question 3:**

Calculate the following. Show all the calculations.

(3)

(a) $R\ 1\ 113,25 - R\ 987,56 =$	(b) $R3\ 567,42 \div 6$
<u>R1 113,25</u>	<u>R 594,57</u>
<u>R 987,56</u>	6 <u>R 3567,42</u>
<u>R 125 69</u>	

(c) Determine the product of R 7,45 and 47 =

R 7,45
X 47
52,15
<u>298,00</u>
<u>350,15</u>

Question 3.2:

(2)

Write down the correct answer.

(a) 2 sweets @ R12,40 each =

R24,80

(b) 4 dozen koeksisters @ R 2,64 each =

R126, 70

Reasoning

Question 4:

Determine the correct answer. Show your calculations.

4.1 Thabo and Peter bought 12 cooldrinks and paid R300. Thabo took 4 bottles and Peter took 8 bottles. How much did each pay for the cooldrink? (2)

$$\frac{4}{12} = \frac{1}{3} \text{ (Thabo)}$$

$$\frac{8}{12} = \frac{2}{3} \text{ (Peter)}$$

$$\frac{1}{3} \text{ of R } 300 = \text{R}100 \text{ for Thabo}$$

$$\frac{2}{3} \text{ of R } 300 = \text{R}200 \text{ for Peter}$$