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SECTION A:**Mental Maths****Question 1:**

Complete the following. (12)

(1.1)	How many dozen are in 432?	36	(1)
(1.2)	9 times 2 200 =	19 800	(1)
(1.3)	5 000 x 5 000 =	25 000 000	(1)
(1.4)	20 + 20 + (918 ÷ 9)	142	(1)
(1.5)	0,5 x 3 =	1,5	(1)
1.6)	1,5 + 1,5 + 2 =	5	(1)
1.7)	1 000 x 2,5 =	2 500	(1)
1.8)	Three quarters of 2 000 =	1 500	(1)
1.9)	20 x 20 x 10 ÷ 0 =	400	(1)
1.10)	30°C warmer as -15°C =	15°C	(1)
1.11)	15cm x _____ = 375cm ²	25cm	(1)
1.12)	550 ÷ 55 =	10	(1)

SECTION B:**FRACTIONS****(12)****Knowledge****Question 1:**

The fraction $\frac{9}{12}$ is a proper fraction.

Complete the following:

1.1) The denominator of the fraction is: 12 (1)

1.2) Die nominator of the fraction is: 9 (1)

1.3) What is the purpose of the “*line*” in between?

9 divided by 12 (1)

Question 2:

2.1) Write the equivalent fractions of the following.

a)	$\frac{2}{3} = \frac{8}{12}$	b)	$\frac{24}{30} = \frac{4}{5}$	(2)
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2.2) Write the following as mixed numbers.

a)	$\frac{29}{9} = 3\frac{2}{9}$	b)	$\frac{111}{25} = 4\frac{11}{25}$	(2)
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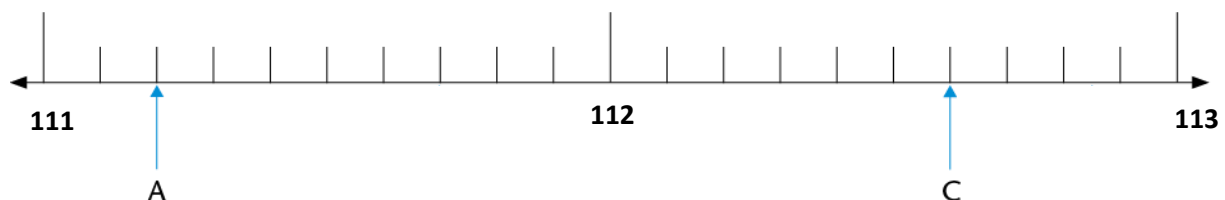
2.3) Write the following as improper fractions.

a)	$8\frac{12}{100} = \frac{812}{100}$	b)	$2\frac{15}{8} = \frac{31}{8}$	(2)
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Understanding

Question 3:

3.1) What fractions are indicated by “A” en “C”? (2)



“A” = $111\frac{2}{10}$

“C” = $112\frac{6}{10}$

Reasoning

Question 4:

4.1) There are **162 cup cakes** on a bord. Jetta ate $\frac{4}{9}$.

a) What fraction of the cup cakes were left? $\frac{5}{9}$ (1)

b) How many cakes did Jetta ate? 72 (1)

c) How many cakes were left? 90 (1)

d) How many dozen is left? $7\frac{1}{2}$ (1)

SECCTION C:

DECIMAL FRACTIONS

Knowledge

Question 1:

(4)

1.1) Complete the decimal fractions in the table.

	<u>FRACTION:</u>	<u>DECIMAL FRACTION:</u>	
1.1)	$\frac{614}{100} =$	$6,14$	(1)
1.2)	$\frac{19}{1000} =$	$0,019$	(1)
1.3)	$3\frac{8}{10} =$	$3,8$	(1)
1.4)	$12\frac{1}{1000} =$	$12,001$	(1)

Understanding

Question 2:

(12)

2.1) Write the following decimals as fractions.

SIMPLIFY the fractions.

a)	$0,68 = \frac{68}{100}$	Simplify:	$= \frac{17}{25}$	(2)
b)	$16,4 = 16\frac{4}{10}$	Simplify:	$= 16\frac{2}{5}$	(2)

2.2) Skryf die **GETALWAARDE** en **PLEKWAARDE** van die onderstreepe syfer.

	NUMBERS:	NUMBER VALUE		PLACE VALUE	
3.1)	6, <u>9</u> 8	$\frac{9}{10}$	(1)	0,9	(1)
3.2)	4,0 <u>1</u> 7	$\frac{17}{1000}$	(1)	0,017	(1)
3.3)	<u>8</u> 47,839	800	(1)	8H	(1)
3.4)	<u>7</u> 438,162	7 400	(1)	74D	(1)

Application

Question 3:

3.1) Round off as indicated.

(4)

a)	126 (5) $\approx$	125	(1)
b)	99,7 (10) $\approx$	100	(1)
c)	341,223 (100) $\approx$	300	(1)
d)	9 999,459 (100) $\approx$	10 000	(1)

Reasoning

Question 4:

4.1) What number is halve way between 3,4 and 5,6? (2)

$$3,4 + 5,6 = 9$$

$$9 \div 2 = 4,5$$