Rosyth School

Primary 4 Alternative Assessment 2012

Mathematics



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Name:	() C	lass : P4 -	Duration: 30 minutes :
Date: 23-8-12	Parent's	Signature:	
Task 3a : Individual wo	ule.	•	

What's Wrong?

Objectives:

- i) To add and subtract fractions.
- ii) To multiply a fraction by a whole number.
- iii) To connect conceptual and procedural knowledge.

Read the following number statements carefully. Circle the wrong answer. Show the correct solution on the right (4 marks)

	a marks)
Which is Wrong? a. $\frac{1}{4} + \frac{1}{2} + \frac{1}{8} = \frac{7}{8}$	Correct Answer(s)
b. $2 - \frac{1}{6} - \frac{1}{3} = 1\frac{1}{3}$	·
c. $\frac{4}{7} \times 28 = 16$	Correct Answer(s)
d. $\frac{5}{6} \times 54 = 40$	·

Task 3b: Math Analysis – Fraction
Objective: To provide opportunity for pupils to use their critical thinking skills to discover the error and correct it
What's Wrong?
Read the word problem below carefully. i) Identify the correct model and fill in the blank with the correct answer. (1 mark)
Word Problem
Ali had 245 marbles. $\frac{1}{7}$ of them were green and $\frac{1}{2}$ of the remainder were blue and the rest were yellow marbles. (a) How many green marbles did he have? (b) How many more yellow marbles than green marbles did he have?
Model 1
G
Model 2
G .
B
Model 3
G
B
Y
i) The correct model is Model

	ou have to writ			<u> </u>	<u>. </u>						
ii)	My solution:			,				· ·			
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					Α	nswer:	(a)		·	 :	
							(b)				

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ANSWER SHEET

EXAM PAPER 2012

SCHOOL: ROSYTH

SUBJECT: PRIMARY 4 MATHEMATICS

TERM : CA2

b	 2 - 16/ - 1/3 = 2 - 1/6 - 2/6 $= 13/6$ $= 11/2$
đ	 5/6 x 54/1 = 45

i)3

a)
$$1u \rightarrow 245 \div 7 = 35$$

b)
$$3u \rightarrow 35 \times 3 = 105$$

 $105 - 35 = 70$

a)He has 35 green marbles.

b)He has 70 more yellow marbles than green marbles.

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