COMPETENCE BASED CURRICULUM

JUNIOR SCHOOL

FORMATIVE ASSESSMENT

TERM ONE 2024

GRADE 8

MARKING SCHEME

**MATHEMATICS**

1. Twenty seven million, seven hundred and seven thousand, eight hundred and seven.

2. L.C.M of 27, 30 and 45=270

n=270+3

n=273

3 .a) =-7

b) =+9

c) = -7

4. =2(-6) – 3(-2) +4=-2 substitution 1mk

A1

5.

=

=

=

6. 38, 97 oranges each

79, 176 oranges each

Rest 165- (38+79)=48

Total oranges =(38

=20422 oranges

7. =

=

=

8. r=1.050505

10r=10.50505

100r=105.0505

100r-r=105.0505-1.0505

99r=104

r=

r=1

a=5, b=99

9. 24-(-3) =24+3

=27

10.a) 24.701 add 30 = 24.731

b)0.146=14.6

square root =3.821

=0.3821

11.a, p=

a-

3a-2a=30

a=30, p=20

12.7544 is divisible by 2 since the last digit is an even number.

7+5+4+4=20

7544 is not divisible by 3 since the sum of its digits is not divisible by 3

7544 is not divisible by 6

13. a) 0.00121 =1.21

b)4521.021=4.521021

14 .

Numerator= 0.17

=0.1785+0.32

=0.4985

Denominator =4.5

=0.36-0.089

=0.271 BODMAS M1

15. 1764= 2

=2 M1

=2

=2

=2

= M1

2 A1

16.2b+a

=2b+a(a-2a+10)

=2b+a(-a+10)

=2b-+10a

=-

17. L.C.M of 6,5 and 8= 120 minutes.

120/60= 2hrs

9.15-2=7.15

=7.15 a.m

ii)2

9.15am

+4.00

\_\_\_\_\_\_

13 15 hours

iii) 1315

+2.00

\_\_\_\_\_\_\_\_\_\_

15 15 hours

+2.00

\_\_\_\_\_\_\_\_\_

17 15 hours

THE END