# GRACE PRIMARY SCHOOL

## HOLIDAY PACKAGE NO II APRIL 2020

**EDUCATION IS LIFE**

---
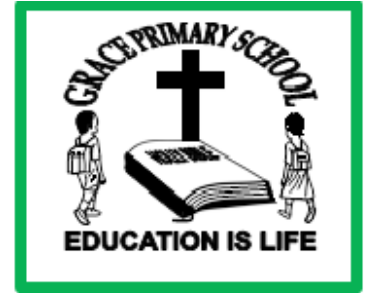
**STANDARD VI – HOME PACKAGE**

MATHEMATICS

PUPIL' S NAME: _____

INSTRUCTIONS

1. Remember to write your three names properly.
2. Answer all the questions as per instructions.
3. Read all questions carefully before answering.
4. This holiday package should be returned to school when we open.

1. 7697 + 2569 =

2. 8496 + 349 =

3. 6769 + 263 + 7695 =

4. 100000 – 9999 =

5. 60001 – 719 =

6. 17009 – 6769 =

7. 894 X 39 =

8. 367 X 9 4 =

9. 3796 ÷ 73 =

10. 14271 ÷ 67 =

11. 10845 ÷ 15 =

12. 147841+147=

13. 100000- 78 =

14. 10000    100=

15. 4741 + 587 + 5874 =

16. 58264 - 7845 =

17. – 10 + 5 =

18. 78 + -4 =

19. Write the square of 78 =

20. find the square root of 888 =

21. add the square of 50 to the square root of 625

22. add all even numbers between 61 and 91

23. list all odd numbers between 9 and 22

24. List down all even numbers found between 32 and 41

25. Write down all the odd numbers found between 56 and 63.

26. Write down all the prime numbers found between 0 and 20 which are also even numbers

27. Find the prime numbers between 20 and 45

28. Find the sum of all prime numbers located between 20 and 30

29. Write the square root of 625

30. Find the square root of  — 10000

31. Find the square root of 11449

32. Find the next number in the following series
850 , 750, 650 ,...................,, .................

33. Calculate the square of 203

34. Find the next number

35. How many   are there in

36. Write 1728 in roman numbers

37. What is the reciprocal  of

38. How many    are there in 20?

39. List all factors of 12

40. List the prime factors of 32

41. Write CMXCVI as an ordinary number

42. Find the LCM OF 36, 48 and 72

43. Calculate the LCM of 32, 64 and 80

44. Find the GCF of 42, 84 and 126

45. Find the GCF of 26, 52 and 78

46. Divide the LCM of 20, 24 and 36 by its GCF

47. Find the LCM of

48. Convert 2 ¾ into decimal

49. Convert – into decimal

50. Convert 3.025 into fraction.

51. Change 0.035 into fraction.

52. Change – into decimals

53. 4.32 ×0.15 =

54. 0.154 x 101 =

55. 0.08428 ÷ 0.07 =

56. 16.64 ÷ 0.13

57. Change – into percentage

58. What is the difference between — and 36%. Your answer should be in percentage

59. Add 27% and ¼ , your answer should be in percentage

60. Change 32% into a decimal

61. Convert 1.45 into percentage

62. What is 25% of 6000

63. Convert — into percentage

64. Convert 0.6 into percentage

65. Write 1 as a percent

66. 15% of what is 45?

67. What percent of 80 is 60?

68. There are 36 students in a class ¾ of the students passed mathematics exam, the rest fail the exam. What percent of students fail the exam?

69. If you get 80% correct on mathematics quiz with 150 questions. How many questions did you get correct?

70. Camila earned sh. 5000 in her job. If she put 80% of her earning into her savings account, and spent 75% of the rest on a gift for her mother, how much money did she have left over?

71. Jessi bought 18 gallons to paint her house and garage. If she used 75% of the paint on the house and half of the rest on the garage, how much paint did she have left over?

72. 40% of what number is 50?

73. Larry has a piece of rope that is 12 feet long. He cuts off 25% of the rope off. How long is the rope now?

74. Two schools star with 1000 students. The first school's enrollment increase 20% in 2012 and then decreases 20% in 2013: the second school's enrollment stays constant in both 2012 and 2013. Which school has the most students now?

75. Change 115.5% into fractions

76. Change 7.15% into fractions.

77. Approximate 1654 to the nearest thousands.

78. Round off 1.47 to one decimal place

79. Approximate 156 to the nearest tons.

80. Express 0.45639 to three decimal places

81. Approximate 32445 into nearest hundreds.

82. Round off 6.799 to two decimal places.

83. Round off 78.990 to nearest ones

84. Approximate 0.1010 to two decimal places.

85. Express 234.9107 to three decimal places.

86. Express 10.977 to one decimal place

87. (+2) + (+7) =

88. (-16 )– 25 =

89. 15 ÷ (-3)

90. -2 – (-8) =

91. -2 x 7 =

92. -6 x 0 =

93. (-81) – 19 =

94. 33 ÷ -(3) =

95. 6 – 9 =

96. -40 ÷ (-5) =

97. -5 x (-9) =

98. 10 x (-3) =

99. 1 ÷ (-1) =

100. -24 ÷ 12 =

101. -31 – (-43) =

102. 15 x -14 =

103. -40 ÷ (-10) =

104. ⎯

105. -2 (-3) =

106. Change 3745 seconds into hours, minutes and seconds

107. Change 2 hours into seconds

108. Change 5 hours 20minutes into minutes

109. A pipe takes 1 hour 35 minutes and 30 seconds to fill a tank. How much time will it take to fill 8 sack tanks?

110. Change 5:20 pm to 24 hour clock system

111. Write 2315h as am or pm

112. A school starts at 8:10am and ends at 3:30 pm. There is a short break of 20 minutes in the morning session and a lunch break of 1 hour 20 minutes. How long do the children study in that school?.

**Change the following into grams**

113. 35kg

114. 489kg

**Change the following into kilogram**

115. 4079gram

116. 900grams

117. 0.95 tonne

118.

| Kg | g |
|---|---|
| 20 | 125 |
| +3 | 008 |

119.

| Kg | g |
|---|---|
| 23 | 380 |
| x | 9 |

120.

| Kg | g |
|---|---|
| 50 | 320 |
| - 36 | 750 |

121.

| Kg | g |
|---|---|
| 53 | 560 |
| ÷ | 8 |

122. Change the following into percents 2.456.

123. Change the following into kilometers 472cm

124. Convert 25m into km

125. Covert 47km into mm

126. The sum of three consecutive numbers is 24. Find the numbers

127. $100^0$ + 97 =

128. -25 + (-11) =

129. +11 – (-10) =

130. -12 x ( +3 )=

131.    143kg 296g divide by 32

132.    Multiply 4kg 580 by 15

133.    Multiply 5 hours 48minutes by 5

134.
| Hours | minutes |
|-------|---------|
| 10    | 00      |
| -4    | 14      |

_____

135.    Change 4759 seconds into hours

136.    Change 960 minutes into hours

137.    Change 4 hours into minutes

138.    Change 2 hours into seconds

139.    Change 20 minutes into seconds

140.    Change 1800 seconds into minutes.

141.    Write 6:10am into 24 hours

142.    Write 1505h into 12hours system

143.    A car travel at a uniform speed of 70km/h for 2hours.  How many kilometers does it travel?

144.    A man cycled 36km in 2hours.  Express his speed in km/h

145.    Divide 76kg 800g by 12

146.    Masanja bought 2 pairs of shoes @ sh 4500, 2 pairs of khanga @ sh. 2200, 2 radio battries @ sh 160, and 6 mags @ 1500.  How much did Masanja pay?

147.    Juliana went to the market to buy the following goods one pen for sh. 200, 6 execise books @ sh. 150, 2 pencils @ sh. 50, one pair of shoed for shs 5050, 2 sweets @ sh. 100.  How much did she spent in total.

148.    Mzee Mbinga had 10,000 shillings which he spent as follows 3kg beans @ sh. 950; 2 piles of tomatoes @ 350; 4kg onions @ sh 650, 5kg potatoes @ sh 400, 1kg maize flour @ sh. 300. After those expenses how much money was he left with?

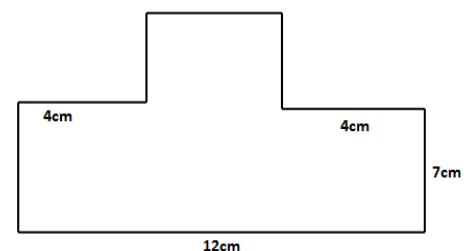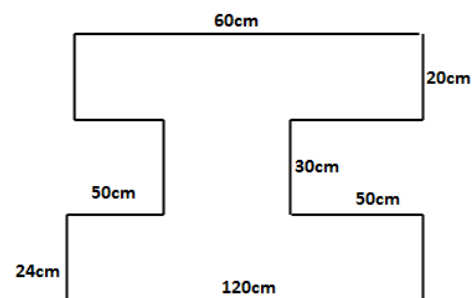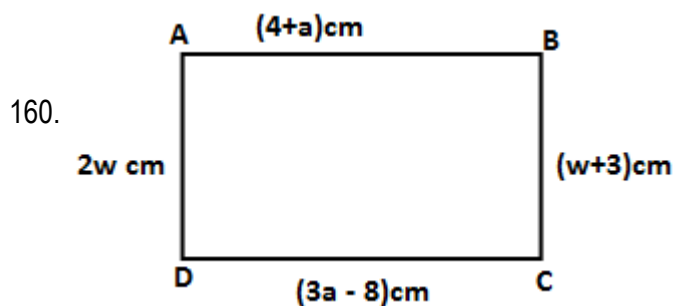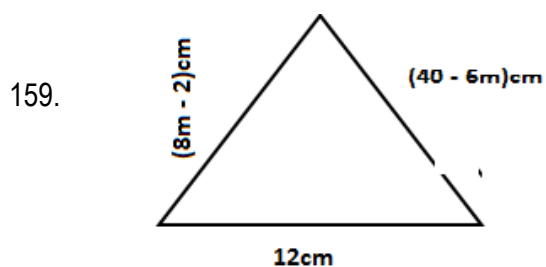149.    Find the perimeter of the following figures
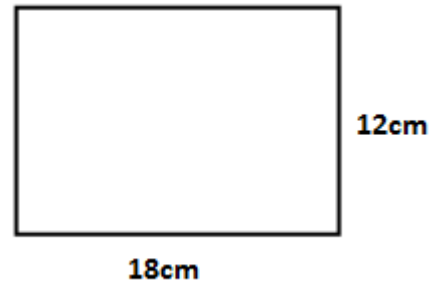


150.
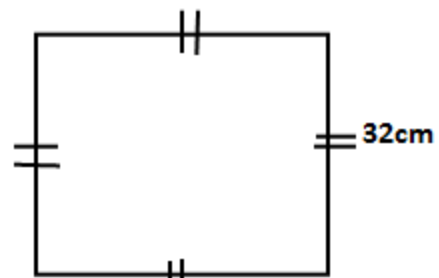


151.
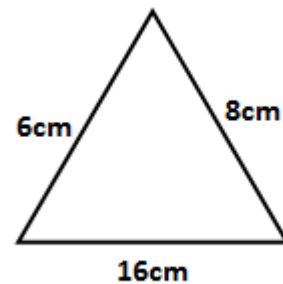


152.



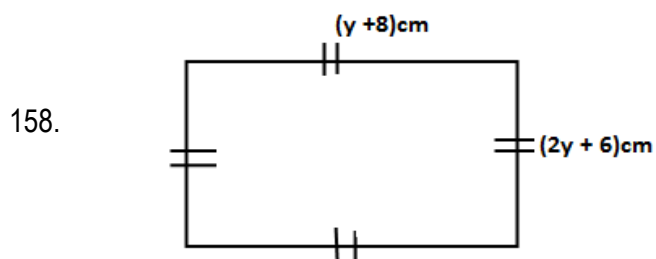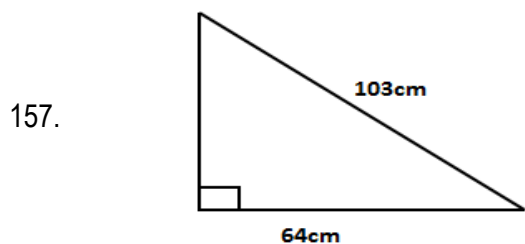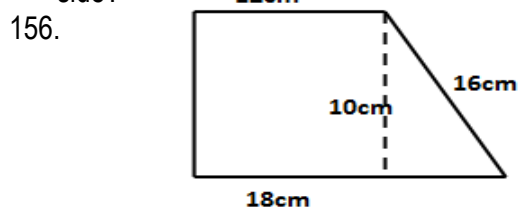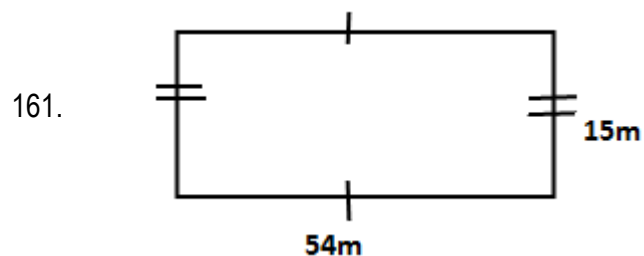153.

154.    The perimeter of a rectangle is 40cm. what is its width if it is 12cm long.

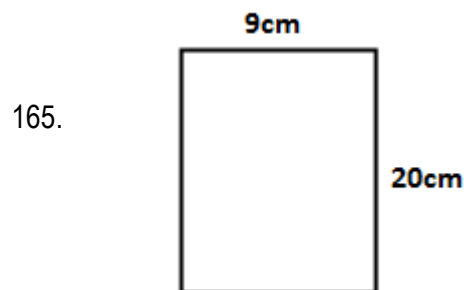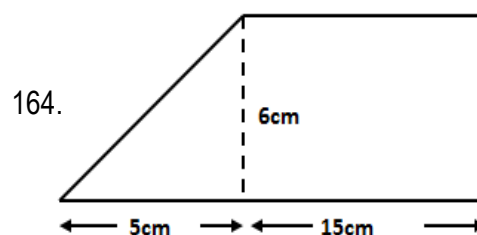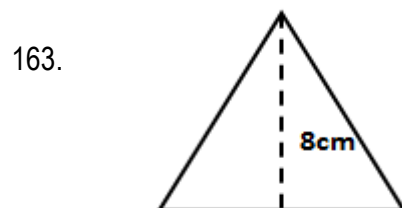155.    The perimeter of a square is 64cm. what is its side?

156.

12cm

16cm

10cm

18cm

157.

103cm

64cm

158.

(y +8)cm

(2y + 6)cm

159.

(8m - 2)cm

(40 - 6m)cm

12cm

160.

A    (4+a)cm    B

2w cm          (w+3)cm

D    (3a - 8)cm    C

Find area of the following figures

161.

15m

54m

162.    The area of a hall is 168cm2. It is 12cm wide. What is its length?

163.

8cm

164.

6cm

5cm      15cm

165.

9cm

20cm

166.    12cm
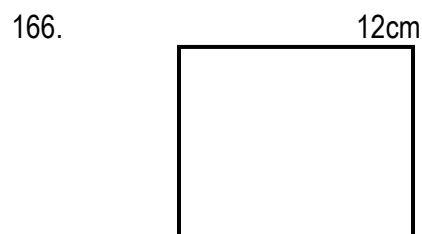
167.    Find the value of x of the rectangle below whose perimeter is 102cm.
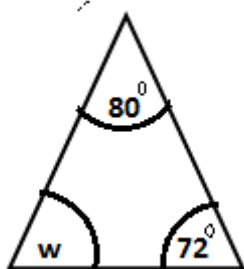
(x - 2) cm

(3x +5)cm
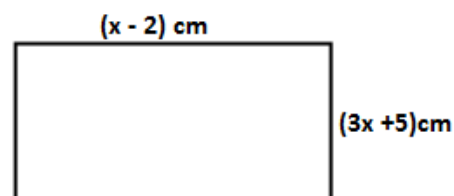
168. Find the value of P
$$4P + 4 = 24$$

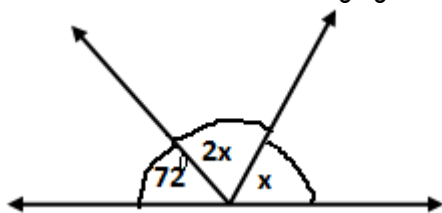169. Simplify this expression:
$$f + 2f + 3f - 2f$$

170. If figure PQR is a straight line. Find the value of x in the diagram below
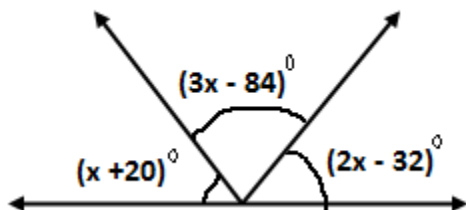


171. Find the value of w



172. Find the value of x in the following figure



173. Evaluate $\sqrt{144} + \sqrt{625}$

174. If w = 2, y = 3

workout ——

175. Find the value of P
$$3P - 6 = 18 + P$$

176. A train left Nairobi at 1850 hours and reached Mombasa at 0620 hours the next day. How long did the journey take?

177. Change 9:00a.m into 24 hour clock system.

178. Find the time in hours and minutes between 11:20 p.m and 3:30am

179. A motorist parked his car at 2.50p.m. and returned to it at 3:40 p.m. how long did he park his car?

180. A car travel at a uniform speed of 70km/h for 2 ½ hours. How many kilometers does it travel?

181. CCXII + CXLVII=

182. Write 492 in Roman numerals.

183. Convert MCLII as ordinary number

184. Evaluate CL – CX

185. Write XCIX in normal numbers

186. Write 609 in Roman numbers.

187. Write in roman numbers 1269.

188. Find $\sqrt{DCCXXIX}$

189. Write 1006 as Roman number

190. Convert 1.85 tons into kilograms

191. Divide 36km 4hm 5dam by 9

192. Multiply 3kg 524kg by 5

193. ¼ of 2kg + ½ of 6.3kg + 700g. write the answer in grams

194. 18n – 4 = 2n +8

195. If a =2, b=3, c=3 find the value of
————

196. The price of 15 packets of milk is sh. 4500. Find the cost of 12 packets.

197. Find the average of all even numbers found between 80 and 100, which are also divisible by 3.

198. Find the average of 15kg, 78kg and 30,000g.

199. The circumference of a circle is 220cm. find its area.