

GRADE:
NAME:
SURNAME:

LEARNER'S MARK

WCED & HMC 2020 - 1ST ROUND

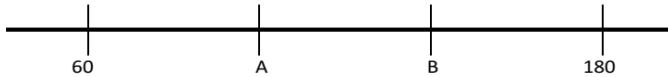
1) Peter took marbles to school. During first break he lost one quarter of them. During second break he lost 8 more and had 16 left after second break. How many marbles did he take to school?

- A) 96 B) 72 C) 56 D) 18 E) 32

2) A is a number greater than 20 and less than 30. B is a number greater than 200 and less than 300. What is the smallest difference there could be between A and B?

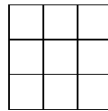
- A) 270 B) 278 C) 170 D) 180 E) 172

3) Four numbers are equally spaced on a number line. Calculate the sum of A and B.



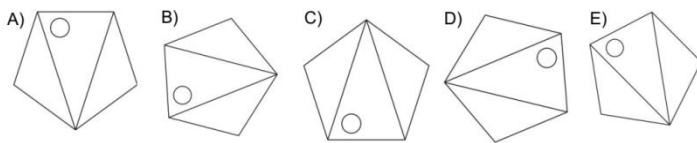
- A) 240 B) 255 C) 210 D) 300 E) 120

4) Find the number of squares, of all sizes, in the figure.

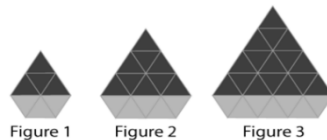


- A) 9 B) 10 C) 13 D) 14 E) 15

5) Which one of the following figures is the odd one out?



6) Joy uses some identical triangular butter biscuits (grey) and chocolate biscuits (black) to form some figures that follow a pattern as shown.



How many chocolate biscuits will be used to build Figure 6?

- A) 24 B) 36 C) 42 D) 49 E) 52

7) Gail wants 150 pieces of ribbon for a party. Each length of ribbon is 40 cm. However, the ribbon is sold only in rolls of 5m.

How many ribbon rolls will Gail need to produce 150 ribbons?

- A) 11 B) 12 C) 13 D) 14 E) 15

8) At first, Shop A had 156 kg of rice and Shop B had 72 kg of rice. After each shop sold the same quantity of rice, the amount of rice that Shop A had was 4 times that of Shop B.

How many kilograms of rice did Shop A sell?

- A) 30 B) 40 C) 42 D) 44 E) 50

9) $99 + 98 - 97 + 96 - 95 + \dots + 6 - 5 + 4 - 3 + 2 - 1 = ?$

- A) 148 B) 118 C) 99 D) 50 E) 49

10) Part of the chart aside is missing. What is the number of the row that contains 248?

Row	Column 1	Column 2	Column 3
1	6	8	10
2	12	14	16
3	18	20	22
4	24	26	28
5	30	32	34
6	36	38	40
7	42	44	46

- A) 39 B) 40 C) 41 D) 42 E) 44

