Question 8: Answer the following.

a) A circus show started at 6:25 pm and ended at 9:30 pm. What was the duration of the show?

$$\begin{array}{r} 9\ 30 \\ -\ 6\ 25 \\ \hline 3\text{h}\ 05\ \text{min} \end{array}$$

b) Adrian studies 3 hours 45 min. He starts studying at 8:05 pm at what time does he finish?

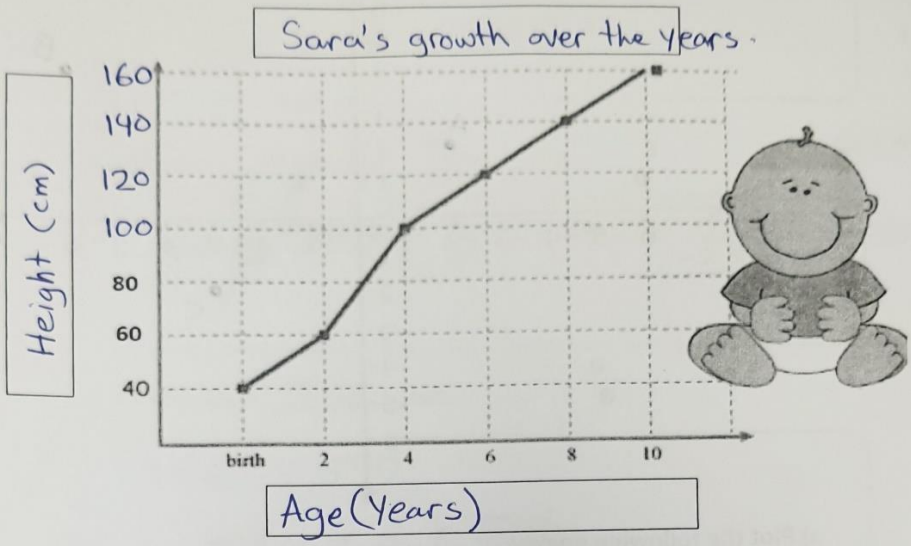
$$\begin{array}{r} 8\ 05 \\ +\ 3\ 45 \\ \hline 11:50\ \text{pm} \end{array}$$

c) Mary was to board a flight at 7:00 am. Her flight was to take 5 hours 20 min to reach the destination, but her flight got delayed by 15 min. At what time will Mary reach her destination?

7:00 + 15 min → 7:15 am

$$\begin{array}{r} 7\ 15 \\ +\ 5\ 20 \\ \hline 12:35\ \text{pm} \end{array}$$

Question 3: Since Sara was born her mother measured and kept track of her height. The following line graph shows Sara's growth over the years. Use the information to answer the questions.



a) Write a title and label the axis.

b) How tall was Sara when she was born? 40 cm

c) How tall was she when she was 8 years old? 140 cm

d) How old was she when she was 1 meter tall? 4 years

e) Between which years did she grow the fastest? between 2 and 4

f) How much did she grow between her second and fourth birthday?

100-60=40 cm

g) If she grows at the same pace, how tall will she be when she is 12 years?

180 cm

المدرسة الوطنية الأرثوذكسية الشميساني

the National Orthodox School Shmaisani

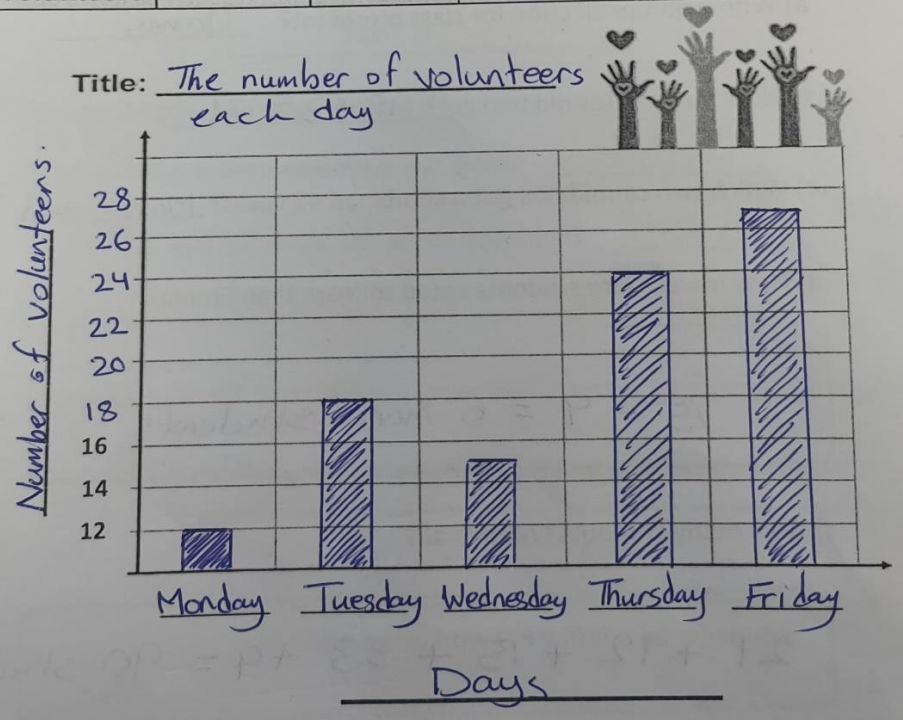
The Primary Stage of Grades (4-5)
School Year 2022 – 2023
First Semester

Name: Answer Key Revision worksheet (1) Subject: Mathematics

Date: / / . Class: Grade 5 (C,D,E,F &G)

Question1: The number of volunteers each day for a project was recorded. Draw a bar graph from the data. Write a title, label the axis and make an appropriate scale.

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Number of volunteers	12	18	15	24	27



b) 6 min 15 sec = 375 sec.

6 min = 6 × 60 = 360 s

360 + 15 = 375

60
120
180
240
263 → 300
360
384 → 420
480

c) 263 min = 4 hours 23 min.

263 ÷ 60 = 4 h 23 min

263
-240
23

d) 9 min 6 sec = 546 sec.

9 × 60 = 540

540 + 6 = 546

e) 381 sec = 6 min 21 sec.

381 ÷ 60 = 6 min 21 s

381
-360
21

f) 12 hours 35 min = 755 min

12 × 60 = 720

720 + 35 = 755

d) Sally watched a cricket match from 10:15 am to 11:50 am and again from 2:30 pm. Both matches took the same time duration.

i) How long did she watch the first match?

$$\begin{array}{r} 11:\overset{4}{5}\overset{10}{\cancel{0}} \\ -\ 10:15 \\ \hline 1\,h\,35\,min \end{array}$$

ii) At what time did the second match finish?

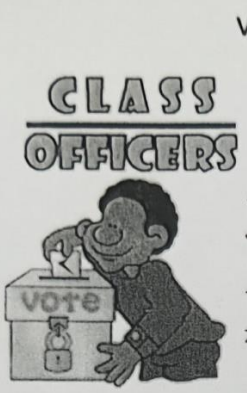
$$\begin{array}{r} 2\ 30 \\ +\ 1\ 35 \\ \hline 3\ (65) \end{array} \longrightarrow 4:05\ pm$$

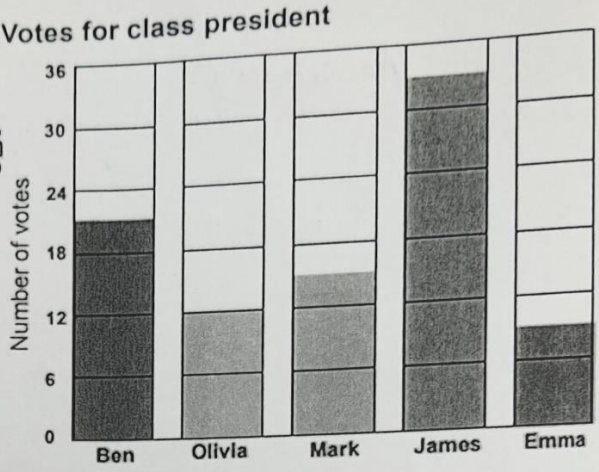
$+1$

$1\,h\,05\,min$

MATH IS FUN!

Question 2: look at the bar graph and answer the questions:





a) Who won the election for class president? James

b) How many votes did ben get? 18 + 3 = 21

c) Which two candidates got a combined 48 votes? Mark and James

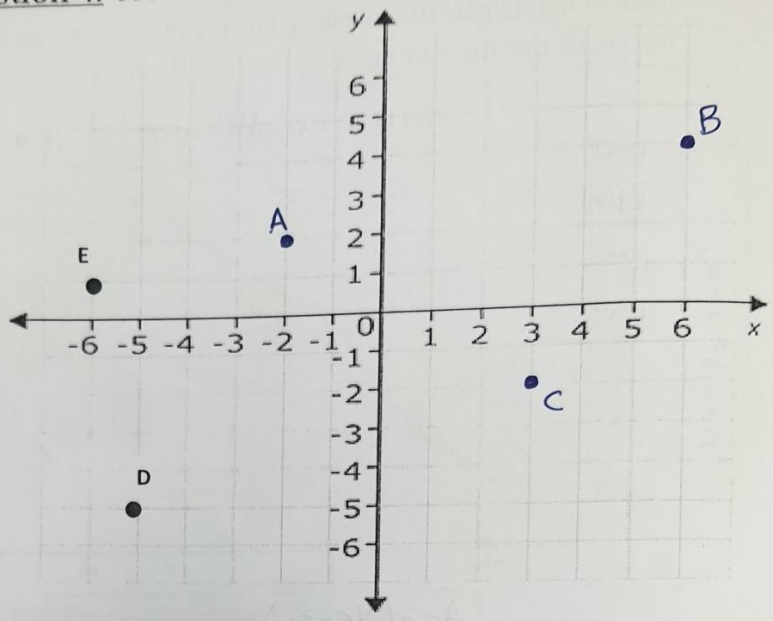
d) How many more students voted to mark than Emma?

15 − 9 = 6 more students

c) How many students voted in all?

21 + 12 + 15 + 33 + 9 = 90 students.

Question 4: Use the following grid to answer the questions below.



a) Plot the following points:

1) A = (-2 , 2) 2) B = (6 , 4) 3) C = (3 , -2)

b) The coordinates of point D? (-5 , -5)

c) The coordinates of point E? (-6 , 1)

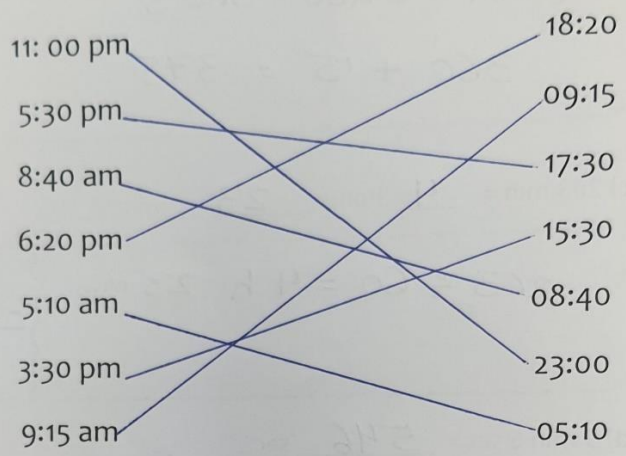
Question 5: Complete to make the following statement true.

a) 3 hours 53 min = 233 min.

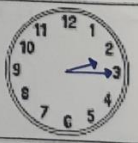
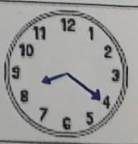
3 h = 3 X 60 = 180 min

180 + 53 = 233 min

Question 6: Draw a line to join 12-hour times to the matching 24-hour times.



Question 7: Complete the following table.

Time in Words	24 Hour Clock	12 Hour Clock	Analogue
seven o'clock in the evening	19:00 ← +12	7:00p.m.	
Eleven o'clock in the morning	11:00	11:00a.m.	
Quarter past two in the afternoon	14:15	2:15 pm	
Twenty min past eight at night	20:20 ← +12	8:20p.m	
Half past midnight	00:30	12:30am