



# P5 Math EOY Revision

**P6 MATH**



**Section A – MCQ**

- 1) At a birthday party, each child got to choose one ice-cream flavour.  
The table below shows their choices.

Flavour	Number of girls	Number of boys	Total number of children
Mango	22	18	40
Vanilla	34	20	54
Chocolate	17	35	52
Strawberry	36	24	60

Which flavour was the most popular among the children?

- (1) Mango
- (2) Vanilla
- (3) Chocolate
- (4) Strawberry

(       )

- 2) In a movie marathon guide shown below, movies are screened one after another without any break in between.

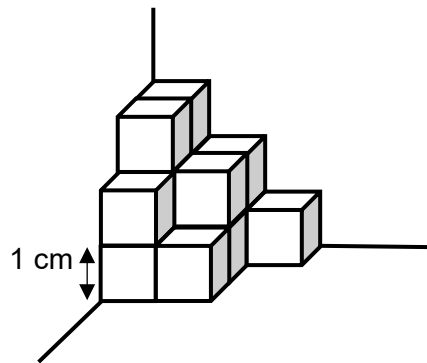
Start Time	Movie
9.00 a.m	Majulah Singapura
10.15 a.m	You Got It!
11.35 a.m	Time of My Life
12.20 p.m	The Great Escape
1.20 p.m	-

Which movie has the longest duration?

- (1) Majulah Singapura
- (2) You Got It!
- (3) Time of My Life
- (4) The Great Escape

(       )

- 3) The solid figure shown below is made up of 14 identical 1-cm cubes glued together. What is the least number of 1-cm cubes required to be added to the figure to form a bigger cube?



- (1) 13
- (2) 19
- (3) 27
- (4) 48

( )

- 4) The ratio of the number of girls to the number of boys in the library is 6 : 5. Which of the following statements is **not possible**?

- (1) There are a total of 36 girls in the library.
- (2) There are a total of 86 children in the library.
- (3) There are fewer boys than girls in the library.
- (4) The number of boys in the library is a multiple of 5.

( )

- 5) The table below shows the timings recorded by Patrick during his practice sessions for a race.

1 <sup>st</sup> Practice	2 <sup>nd</sup> Practice	3 <sup>rd</sup> Practice	4 <sup>th</sup> Practice	5 <sup>th</sup> Practice
11.4 s	12.7 s	10.6 s	11.3 s	?

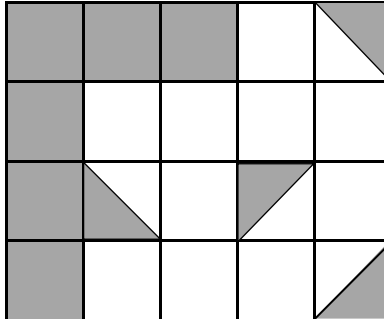
After the 4<sup>th</sup> practice, Patrick wishes to improve his overall average by 0.3 seconds. What timing must he clock for the 5<sup>th</sup> practice?

- (1) 10.0 s
- (2) 11.2 s
- (3) 11.8 s
- (4) 13.0 s

(       )

**Section B – Short Answer Questions**

6) The figure below is divided into 20 equal squares.



How many **more** such squares should be shaded so that 80% of the figure is shaded?

Ans: \_\_\_\_\_

7) When a number is divided by 9, it gives a quotient of 285 and a remainder that is a one-digit odd number. If 4 is added to the number, there will not be any remainder.

What is the number?

Ans: \_\_\_\_\_

8) One packet of 4 pens was sold at \$7.95.

A stationery shop was having a promotion.

For every 2 packets of pens bought, Brad received a discount of \$1.50.

He bought 24 pens in total. How much did he spend?



Ans: \$ \_\_\_\_\_

9) Mrs Li prepared 3.4 ℓ of juice to serve her guests.

She poured exactly 400 ml of juice into each glass.

What is the most number of glasses of juice she could get?

Ans: \_\_\_\_\_

10) The table shows the charges for water usage in Singapore.

<b>Water usage</b>	<b>Rate</b>
First 40 m <sup>3</sup>	\$1.23 per m <sup>3</sup>
Every additional cubic metre	\$1.54 per m <sup>3</sup>

Mrs Soh's family used 45 m<sup>3</sup> of water in October.

How much did they have to pay?

Ans: \$ \_\_\_\_\_

**Section C – Problem Sums**

11) At a carnival, the admission ticket prices for a child and an adult are shown in the table below.

Type	Price per ticket
Child	\$10
Adult	\$25

The number of children was thrice the number of women at a carnival.

The number of women was twice the number of men.

There were 210 children at the carnival.

How much more was collected from the sale of adult tickets compared to child tickets?

Ans: \_\_\_\_\_ [4]



12) A container, when completely packed, can hold 20 identical books.

When the container is packed with 6 such books, the mass of the container of books is 4.71 kg.

When the container is packed with 14 such books, the mass of the container of books is 8.31 kg.

(a) Find the mass of the empty container.

Ans: (a) \_\_\_\_\_ [3]

(b) Find the mass of the container when it is completely packed.

Ans: (b) \_\_\_\_\_ [1]

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