PSLE PIT STOP

There are about 5 more months before the PSLE. What is your level of readiness for the examination?

Below is a sampler of questions to help you evaluate your understanding of the concepts stated. You should not take more than 10 min to answer all the questions.

Fractions, Percentage, Ratio

Q1. 40% of Ben's salary is equal to 20% of Tom's salary. The ratio of Ben's salary to Tom's salary is _____.

Multiples, Proportion

Q2. Mrs Juicy bought some oranges at 3 for \$1. She then packed them in bags of 5 and sold at \$2 per bag. If she managed to sell all and earn an extra \$20, how many oranges did she buy?

Rate, Conversion of Units

Q3. Worker A took $\frac{1}{2}$ h to paint a room. Worker B took $\frac{1}{4}$ h to paint the same room. If A and B were to work together, they will take _____ min to paint the room.

Speed

Q4. Ben drives at an average speed of 80 km/h. Tom drives at an average speed of 100 km/h. How long does it take Tom to be 100 km ahead of Ben if they were to start the race at the same time?

Area

Q5. *ABCD* is a trapezium comprising a square *CDEF*, a triangle *BFC* and a smaller trapezium *ABFE*. Given that the two parallel sides of trapezium *ABCD* are 11 cm and 5 cm respectively, find the area of the triangle *BFC*.



Evaluation

- If you have no confidence in attempting the above questions, **SEEK HELP!**
- If you think that the questions are easy but your answers turned out to be wrong, REFLECT!
- If you can confidently answer all the questions and can justify your answers with proper reasoning, CONGRATULATIONS!

The above questions test your understanding of the concepts stated. However, it cannot serve as a thorough check of your ability. To have a more accurate gauge of your ability, we have a pool of tried and tested items available for you (see overleaf).

PLEASE DO NOT PURCHASE MORE THAN WHAT YOU NEED! TOO MUCH OF A GOOD THING IS GOOD FOR NOTHING!

Be Proactive!

If you always have difficulty understanding your school work, don't postpone and accumulate your problems any further. Seek help from your school teachers, tutors, siblings or find a mentor to clarify your doubts.

To find a mentor, you may write to editor@mathsoasis.com or call 6337-7857.

We wish you success in your learning!

'Practice does not make perfect! Practice with understanding does!' – Maths Oasis

