MathConcept 數學·思維 Learning Center

Quick Test 6 (Primary 6 Standard)

- The test has to be completed in 30 minutes. No calculator is allowed.
- The questions follow the latest 'Mathematics Curriculum Guide (Primary 1 ~ Primary 6)' from the Hong Kong Curriculum Development Council.
- Those with marked * are challenging questions from "A+ Math Olympiad".

Answers (Free detailed solutions can be obtained in our centers)

1) 8.64   **2)** 21   **3)** 0.125, $\dfrac{1}{8}$ **4)** 120   **5)** 50 minutes   **6)** 20   **7)** 150 cm^3

8) 125.6 cm   **9)** 28.8 days   **10)** B gets $7 more, C get $299 less

Number of correct questions	Comment
0~4	Below average
5~6	Unstable
7~8	Standard
9~10	Distinction

"Quick Test" is only a preliminary assessment. **MATHCONCEPT Diagnostic Test (MDT)** is designed to determine precisely the math level of the student and analyze their strength and weakness on different math topics. You are welcomed to make appointment for assessment in any of our MathConcept center.
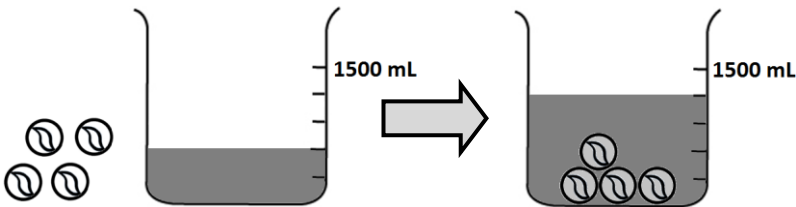
MATHCONCEPT Diagnostic Test (MDT)

"MATHCONCEPT Diagnostic Test" consists of two parts and the whole test requires around 60 to 90 minutes to complete. The first part is a written test that designed to evaluate the student's strength and weakness with respect to grade-level material. The second part of the assessment is a series of oral questions that designed to evaluate student's understanding of key math concepts and skills. After the student has completed the assessment, our qualified MATHCONCEPT tutor will then explain thoroughly about the test result to the parents, generate a tailor-made learning plan and give out the curriculum materials that cater to the unique needs of each student.
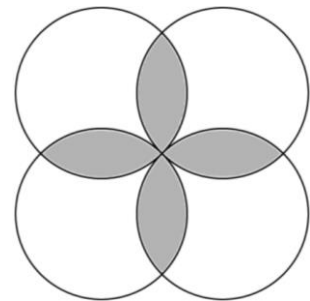

Assessment Report

Learning Plan

Quick Test 6

1. $12.14 - (7.98 + 5.32) \div 3.8 = $ _____

2. $\dfrac{4(p+9)}{5} = 24$, $p = $ _____

3. Convert 12.5% into a decimal and a simplest fraction.

4. If a schoolbag is sold at \$ 72 with 40% discount, its original price is _____.

5. A car travels from city A to B. The two cities are 45 km apart. If it travels at a speed of 54 km/h, how many minutes does it take?

6. Dissolve 100 g salt into 400 g water, the concentration of the salt water is_____ %.

7. Find the volume of each marble.

8. The figure on the right consists of 4 identical circles and the radius of each circle is 10 cm. Find the perimeter of the shaded part. (Take $\pi = 3.14$)

*9. An engineer and 3 workers need 16 days to finish the work together and 2 engineers and a worker need 18 days. If an engineer and a worker work together, how many days do they need?

*10. Some money was shared to persons A, B and C by the ratio 21 : 16 : 25. But the amount was decreased by \$265 and the ratio then changed to 20 : 15 : 18. If person A gets \$ 27 more, how much more or less do persons B and C get?