# MathConcept 數學・思維 Learning Center

## Quick Test 4 (Primary 4 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)** 45   **2)** $7\frac{1}{13}$   **3)** 390   **4)** 224、8   **5)** 72   **6)** $1\frac{71}{100}$, $1\frac{7}{10}$, 1.17, 1.07
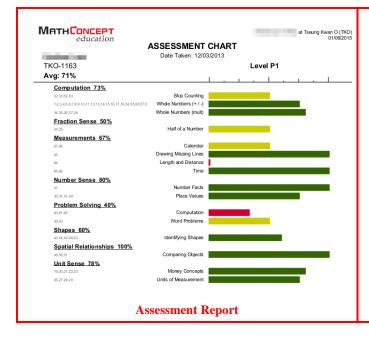
**7)** $5\frac{5}{8}$   **8)** 225 cm$^2$   **9)** 10470   **10)** 215 bookmarks, 25 children

| 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



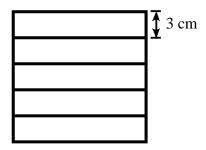Learning Plan

1.  $540 \div (180 - 14 \times 12) = $ _____

2.  $6\dfrac{5}{13} - 2\dfrac{10}{13} + 3\dfrac{6}{13} = $ _____

3.  There are 423 male students and 396 female students in a school. If the number of female students is 12 times as that of teachers, how many more male students are there than teachers?

4.  Find the LCM and HCF of 32 and 56.

5.  Mum bought some raisins. They can be divided into groups of 18 or groups of 24. There are at least _____ raisins.

6.  Order the following numbers from the largest to the smallest.

    $1\dfrac{7}{10}$,    1.07,    $1\dfrac{71}{100}$,    1.17.

7.  Mary uses $2\dfrac{5}{8}$ boxes of flour to make a cake which is $\dfrac{3}{8}$ box less than making cookies. How many boxes of flour does she use to make a cake and cookies?

8.  The square below consists of 5 identical rectangles. Find the area of the square.



*9.  How many numbers less than or equal to 11111 are not multiples of 25 or multiples of 45?

*10.  Distribute some bookmarks to a group of children. If six of them each receives 6 and each of the rest receives 9, there are 8 bookmarks left. If seven of them each receives 13 and each of the rest receives 8, there are short of 20 bookmarks. How many bookmarks are there? How many children are there?