MATHCONCEPT 數學・思維 Learning Center

Quick Test 5 (Primary 5 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) $2\frac{2}{15}$ **2)** 128 **3)** 1.9782 **4)** 1.11 **5)** $3\frac{17}{45}$ **6)** 37.848 kg

7) 24 cm^2 **8)** 1400 cm^3 **9)** 45 **10)** 27 cows, 15 days

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. $2\dfrac{3}{4}+1\dfrac{7}{12}-2\dfrac{1}{5}=$ _____
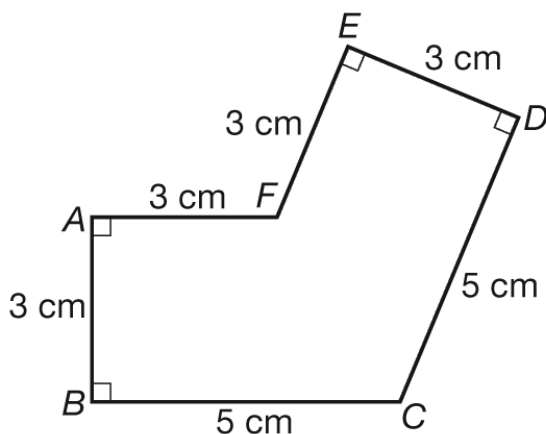
2. $\dfrac{x}{8}=16,\quad x=$ _____

3. $3.14 \times 0.63 =$ _____

4. Calculate $94.6 \div 85$ and round off to the nearest hundredth.
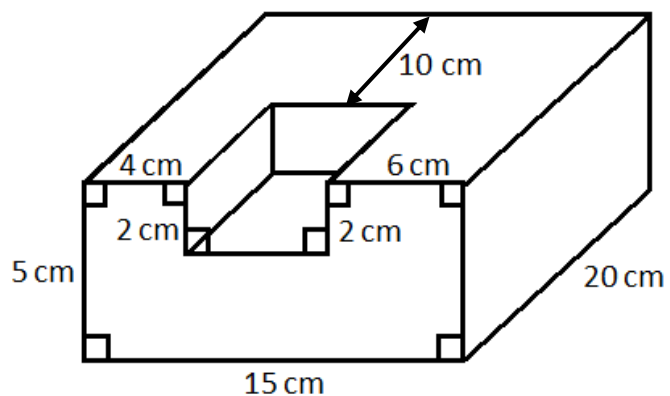
5. The area of a parallelogram-shaped badge is $7\dfrac{3}{5}$ cm². If its base is $2\dfrac{1}{4}$ cm, what is the height of the badge?

6. Dad weighs 66.4 kg. The weight of the son is 0.57 times that of Dad. How heavy is the son ?

7. Find the area of the figure below.

8. Find the volume of the solid as shown below.

*9. Pile up the toy boxes into a triangular shape. There is 1 box in the 1st level on the top, 2 boxes in the 2nd level, so on and so forth. If there are 1035 boxes in total, how many levels are there?

*10. There are 3 lawns with the same size in a field. Assume the grass grows by certain amount each day. 13 cows can finish 2 lawns in 9 days and 15 cows finish 2 lawns in 5 days. How many cows finish 3 lawns in 3 days? How many days do 18 cows need to finish 3 lawns ?