**Post-test**            **Unit Parallel line**        **Time 10 minutes**
**Subject Mathematics Semester 1**        **Mathayomsuksa 2**
**Questions 10**

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**Direction: Choose the best answer.**

1. Frim the figure at right, which one of the following has the size equal to $\hat{1}$?
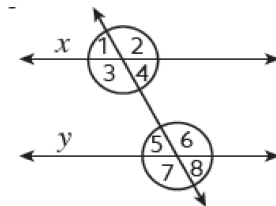(Understand, MA 2.2 G.8/2)

   A. $\hat{2}, \hat{5}, \hat{8}$

   B. $\hat{2}, \hat{3}, \hat{4}$

   C. $\hat{5}, \hat{6}, \hat{8}$

   D. $\hat{5}, \hat{4}, \hat{8}$

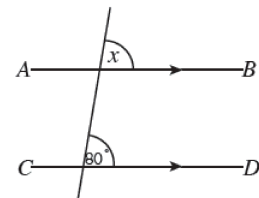2. From the figure at right. If AB // CD, what is the value of x - 60° ? (Understand, MA 2.2 G.8/2)

   A.   80°

   B.   60°

   C. 30°

   D. 20°

3. From the figure at right and given that $\overline{AB} // \overline{CD},$ what is the value of $y + 45°$?
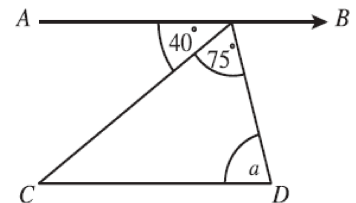
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(Understand, MA 2.2 G.8/2)

   A. 36°

   B. 72°

   C. 81°

   D. 105°



4. From the figure at right. If $\overline{AB} \; // \; \overline{CD}$, what is the value of $180°$ - *a?* (Understand, MA 2.2 G.8/2)
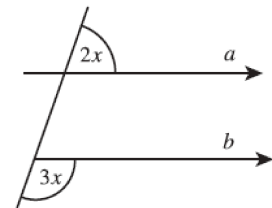
   A. 55°

   B. 65°

   C. 115°

   D. 130°



5. From the figure at right. If $a \; // \; b$, what is the value of $3x?$

(Understand, MA 2.2 G.8/2)

   A. 36°

   B. 81°

   C. 108°

   D. 144°

**Post-test**          **Unit Parallel line**         **Time 10 minutes**
**Subject Mathematics Semester 1**       **Mathayomsuksa 2**
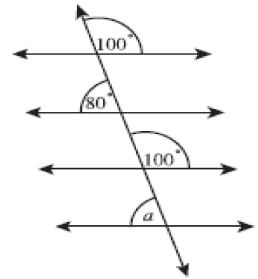**Questions 10**

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6. From the figure at right and given that the horizontal lines are parallel, what is the value of 2*a*? (Understand, MA

   *A.* 80°

   *B.* 120°

   *C.* 160°

   *D.* 200°

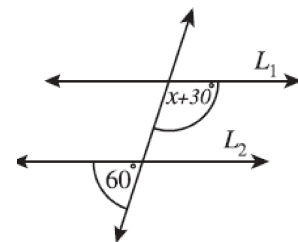7. From the figure at right and given that $L_1 \,//\, L_2$ , what is the value of 2x?

(Understand, MA 2.2 G.8/2)
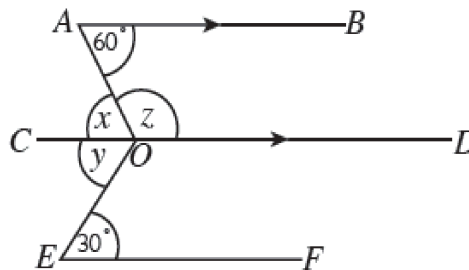
   A. 100°

   B. 190°

   C. 160°

   D. 180°

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**Use the following figure to answer questions 8 and 10. Given that $\overline{AB}$ // $\overline{CD}$ // $\overline{EF}$.**



8. What is the value of $x$ - $y$? (Understand, MA 2.2 G.8/2)

    A. 0°

    B. 15°

    C. 30°

    D. 60°

9. What is the value of $z$ - $y$? (Understand, MA 2.2 G.8/2)

    A. 60°

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_____

    B. 65°

    C. 90°

    D. 120°

10. What is the value of x + y + z - 180°? (Understand, MA 2.2 G.8/2)

    A. 30°

    B. 60°

    C. 180°

    D. 210°