

1. [5] Write the assembly code for the following expression:

$$EAX = \left(\frac{30}{6}\right) + (10 - 5) + (3 \times 5)$$

2. [5] Multiply 25 by 4 using the shift instructions.
3. [5] Multiply 18 by 8 using the shift instructions.
4. [5] Divide 36 by 2 using the shift instructions.
5. [5] Divide 100 by 4 using the shift instructions.
6. [5] Multiply 49 by 17 using Binary Multiplication.