

## Exercis - 9A

$$\begin{array}{l}
 1. \quad 19 - (1 + 5) - 3 \\
 = 19 - 6 - 3 \\
 = 19 - 9 \\
 = 10
 \end{array}
 \quad
 \begin{array}{l}
 2. \quad 30 \times 6 \div (5 - 2) \\
 = 30 \times 6 \div 3 \\
 = 30 \times 2 \\
 = 60
 \end{array}
 \quad
 \begin{array}{l}
 3. \quad 28 - (3 \times 8) \div 6 \\
 = 28 - 24 \div 6 \\
 = 28 - 4 \\
 = 24
 \end{array}$$

$$\begin{array}{l}
 4. \quad 9 - [(1 - 4 - 3) + 2 \times 5] \\
 = 9 - [1 + 2 \times 5] \\
 = 9 - [1 + 10] \\
 = 9 - 11 \\
 = -2
 \end{array}
 \quad
 \begin{array}{l}
 5. \quad [18 - (15 \div 5 + 6)] \div 2 \\
 = [18 - 3 + 6] \\
 = [18 + 6 - 3] \\
 = 24 - 3 \\
 = \underline{\underline{21}}
 \end{array}$$

$$\begin{array}{l}
 6. \quad [4 \times 2] - (4 \div 2 + 8) \\
 = [8 - 2] + 8 = 6 + 8 \\
 = 14
 \end{array}
 \quad
 \begin{array}{l}
 7. \quad 48 + 98 \div 24 - 6 \times 18 \\
 = 48 + 4 - 6 \times 18 \\
 = 48 + 4 - 108 \\
 = 52 - 108 \\
 = -56
 \end{array}$$

$$\begin{array}{l}
 8. \quad 22 - [3 - 8 + 4 - 6] \div 3 \\
 = 22 - [3 - 8 + 4 - 6] \div 3 \\
 = 22 - [3 + 2] \\
 = 22 - 5 \\
 = 17
 \end{array}
 \quad
 \begin{array}{l}
 9. \quad 34 - [29 - \{30 + 66 \div 24\}] \\
 = 34 - [29 - \{30 + 3\}] \\
 = 34 - [29 - 33] \\
 = 29 - 33 \\
 = -4
 \end{array}$$

10.  $60 - \{16 \div (4 \times 6 - 8)\}$  (10)  $60 - \{16 \div (4 \times 6 - 8)\}$   
 ~~$= 60 - \{16 \div (24 - 8)\}$   
 $= 60 - \{16 \div 16\}$   
 $= 60 - \{1\}$   
 $= 60 - 1 = 59$~~   
 $60 - 1 = 59$

BODMAS

Extra

(10)  $60 - \{16 \div (4 \times 6 - 8)\}$  (11)  $25 - [12 - \{5 + 8 \div (4 - 5 - 3)\}]$   
 $= 60 - \{16 \div (24 - 8)\}$   $= 25 - [12 - \{5 + 8 \div (4 - 2)\}]$   
 $= 60 - \{16 \div 16\}$   $= 25 - [12 - \{5 + 8 \div 2\}]$   
 $= 60 - \{16 \div 16\}$   $= 25 - [12 - \{5 + 4\}]$   
 $= 60 - 1 = 59$   $= 25 - [12 - 9]$   
 $= 59$   $= 25 - [12 - 9]$

11.  $15 - 25 - [12 - \{5 + 18 \div (4 - 5 - 3)\}] = 25 - 3$   
 $= 25 - [12 - \{5 + 18 \div (4 - 2)\}] = 25 - 3$   
 $= 25 - [12 - \{5 + 18 \div 2\}] = 22$   
 $= 25 - [12 - \{5 + 9\}]$   
 $= 25 - [12 - 14]$   
 $= 25 - (-2) = 25 + 2 = 27$

(12)  $15 - [16 - \{12 + 21 \div (9 - 2)\}]$   
 $= 15 - [16 - \{12 + 21 \div 7\}]$   
 $= 15 - [16 - \{12 + 3\}]$   
 $= 15 - [16 - 15]$   
 $= 15 - 1$   
 $= 14$