

$$\begin{array}{r}
 2 \mid 18, 36, 32, 27 \\
 3 \mid 9, 18, 16, 27 \\
 3 \mid 3, 6, 16, 9 \\
 1, 2, 16, 3
 \end{array}
 \quad
 \begin{array}{l}
 2 \times 3 \times 3 \times 2 \times 16 \times 3 = 768 \times 3 \\
 = 2304
 \end{array}$$

Exercis - 9A

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

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

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

$$\begin{array}{ll}
 8. & 22 - [(3 - 8) - 4 - 6] \quad 9. 34 - [29 - \{30 + 66 \div 24\}] \\
 & = 22 - [3 - 8 - 10] & 34 - [29 - 30 + 66 \div (24 \div 2)] \\
 & = 22 - [3 + 2] & 34 - [29 - \{30 + 3\}] \\
 & = 22 - 5 & 34 - [29 - 33] \\
 & = 17 & = 29 - 33 \\
 & & = -4
 \end{array}$$

