

$$\begin{aligned}
 c) \quad & 16 : 4 \times 3 \times 12 : 6 : 4 \times 5 = \\
 & = 4 \times 3 \times 12 : 6 : 4 \times 5 = \\
 & = 12 \times 12 : 6 : 4 \times 5 = \\
 & = 144 : 6 : 4 \times 5 = \\
 & = 24 : 4 \times 5 = \\
 & = 6 \times 5 = 30
 \end{aligned}$$

$$\begin{aligned}
 d) \quad & 25 \times 25 : 5 : 5 \times 6 : 3 \times 10 = \\
 & = 625 : 5 : 5 \times 6 : 3 \times 10 = \\
 & = 125 : 5 \times 6 : 3 \times 10 = \\
 & = 25 \times 6 : 3 \times 10 = \\
 & = 150 : 3 \times 10 = \\
 & = 50 \times 10 = 500
 \end{aligned}$$

$$\begin{aligned}
 e) \quad & 12 \times 15 : 18 \times 100 : 4 : 50 \times 3 = \\
 & = 180 : 18 \times 100 : 4 : 50 \times 3 = \\
 & = 10 \times 100 : 4 : 50 \times 3 = \\
 & = 1000 : 4 : 50 \times 3 = \\
 & = 250 : 50 \times 3 = \\
 & = 5 \times 3 = 15
 \end{aligned}$$

$$\begin{aligned}
 f) \quad & 1000 - 409 \times 6 : 3 + 56 : 7 \times 6 = \\
 & = 1000 - 2454 : 3 + 8 \times 6 = \\
 & = 1000 - 818 + 48 = \\
 & = 182 + 48 = 230
 \end{aligned}$$

$$\begin{aligned}
 g) \quad & 6 \times 34 - 120 : 5 + 11 \times 22 = \\
 & = 204 - 24 + 242 = \\
 & = 180 + 242 = \\
 & = 422
 \end{aligned}$$

$$\begin{aligned}
 h) \quad & 180 : 9 - 16 + 21 + 144 : 8 + 225 : 3 = \\
 & = 20 - 16 + 21 + 18 + 75 = \\
 & = 4 + 39 + 75 = \\
 & = 43 + 75 = \\
 & = 118
 \end{aligned}$$

$$\begin{aligned}
 i) \quad & 13\,432 + 164 \times 12 - 1395 : 15 - 1872 : 18 = \\
 & = 13\,432 + 1968 - 93 - 104 = \\
 & = 15\,400 - 93 - 104 = \\
 & = 15\,307 - 104 = \\
 & = 15\,203
 \end{aligned}$$

$$\begin{aligned}
 j) \quad & 608 : 2 + 50 : 2 \times 3 - 75 \times 4 = \\
 & = 304 + 25 \times 3 - 300 = \\
 & = 304 + 75 - 300 = \\
 & = 379 - 300 = \\
 & = 79
 \end{aligned}$$

$$\begin{aligned}
 k) \quad & 1000 - 342 : 6 \times 4 + 28 - 799 = \\
 & = 1000 - 57 \times 4 + 28 - 799 = \\
 & = 1000 - 228 + 28 - 799 = \\
 & = 772 + 28 - 799 = \\
 & = 800 - 799 = 1
 \end{aligned}$$

$$\begin{aligned}
 l) \quad & 525 : 5 + (480 : 8 - 30) + 140 : 7 - 13 = \\
 & = 105 + (60 - 30) + 20 - 13 = \\
 & = 105 + 30 + 20 - 13 = \\
 & = 135 + 7 = \\
 & = 142
 \end{aligned}$$

$$\begin{aligned}
 m) & 2 + (3 \times 4 : 6 \times 50 - 50) + (50 : 10 \times 6 : 3 + 20) = \\
 & = 2 + (12 : 6 \times 50 - 50) + (5 \times 6 : 3 + 20) = \\
 & = 2 + (2 \times 50 - 50) + (30 : 3 + 20) = \\
 & = 2 + (100 - 50) + (10 + 20) = \\
 & = 2 + 50 + 30 = \\
 & = 52 + 30 = 82
 \end{aligned}$$

$$\begin{aligned}
 m) & 15 + 3 \times (4 \times 3 - 45 : 9) - 16 = \\
 & = 15 + 3 \times (12 - 5) - 16 = \\
 & = 15 + 3 \times 7 - 16 = \\
 & = 15 + 21 - 16 = \\
 & = 36 - 16 = 20
 \end{aligned}$$

$$\begin{aligned}
 o) & 25 \times (160 - 30 \times 5) - 8 - (24 + 6 : 6) = \\
 & = 25 \times (160 - 150) - 8 - (24 + 1) = \\
 & = 25 \times 10 - 8 - 25 = \\
 & = 250 - 8 - 25 = \\
 & = 242 - 25 = 217
 \end{aligned}$$

$$\begin{aligned}
 p) & (600 - 393) \times 350 - 87 \times (29743 : 49) = \\
 & = 207 \times 350 - 87 \times 607 = \\
 & = 72450 - 52809 = \\
 & = 19641
 \end{aligned}$$

$$\begin{aligned}
 q) & 84 \times 10 : (5 \times 84 - 120 \times 3 - 54) = \\
 & = 840 : (420 - 360 - 54) = \\
 & = 840 : (60 - 54) = \\
 & = 840 : 6 = \\
 & = 140
 \end{aligned}$$

$$\begin{aligned}
 b) & (810 - 150 \times 3) : 10 + 272 : 8 + 4 \times (35 + 90) = \\
 & = (810 - 450) : 10 + 34 + 4 \times 125 = \\
 & = 360 : 10 + 34 + 500 = \\
 & = 36 + 34 + 500 = \\
 & = 70 + 500 = 570
 \end{aligned}$$

$$\begin{aligned}
 \Delta) & 830 - (820 : 4 : 5 + 59) \times 8 = \\
 & = 830 - (205 : 5 + 59) \times 8 = \\
 & = 830 - (41 + 59) \times 8 = \\
 & = 830 - 100 \times 8 = \\
 & = 830 - 800 = \\
 & = 30
 \end{aligned}$$

$$\begin{aligned}
 \star) & 1000 - (241 \times 4 - 64) : 100 = \\
 & = 1000 - (964 - 64) : 100 = \\
 & = 1000 - 900 : 100 = \\
 & = 1000 - 9 = \\
 & = 991
 \end{aligned}$$

10. Calculează :

$$\begin{aligned}
 a) & [(72 \times 3 - 80) : 2 + 2 \times 124] : 4 = \\
 & = [(216 - 80) : 2 + 248] : 4 = \\
 & = (136 : 2 + 248) : 4 = \\
 & = (68 + 248) : 4 = \\
 & = 316 : 4 = \\
 & = 79
 \end{aligned}$$