

d)  $2^7 : 2^2 + 5^4 : 5^3 \cdot 2^4 - 3 \cdot 2^5$   
e)  $(3^5 \cdot 3^7) : 3^{10} + 5 \cdot 2^4 - 7^3 : 7$   
f)  $3^2 \cdot [(5^2 - 3) : 11] - 2^4 + 2 \cdot 10^3$

l)  $(5^7 + 7^5) \cdot (6^8 + 8^6) \cdot (2^4 - 4^2)$   
m)  $(7^5 + 7^9) \cdot (5^4 + 5^6) \cdot (3^3 \cdot 3 - 9^2)$   
n)  $[(5^2 \cdot 2^3) - 7^2 \cdot 2] : 2 \cdot 6 - 7 \cdot 2^5$

**Bài toán 4 :** Tìm số tự nhiên x, biết.

a)  $70 - 5 \cdot (x - 3) = 45$   
b)  $12 + (5 + x) = 20$   
c)  $130 - (100 + x) = 25$   
d)  $175 + (30 - x) = 200$   
e)  $5(x + 12) + 22 = 92$   
f)  $95 - 5(x + 2) = 45$

g)  $10 + 2x = 4^5 : 4^3$   
h)  $14x + 54 = 82$   
k)  $15x - 133 = 17$   
l)  $155 - 10(x + 1) = 55$   
m)  $6(x + 2^3) + 40 = 100$   
n)  $2^2 \cdot (x + 3^2) - 5 = 55$

**Bài toán 5 :** Tìm x, biết.

a)  $5 \cdot 2^2 + (x + 3) = 5^2$   
b)  $2^3 + (x - 3^2) = 5^3 - 4^3$   
c)  $4(x - 5) - 2^3 = 2^4 \cdot 3$   
d)  $5(x + 7) - 10 = 2^3 \cdot 5$   
e)  $7^2 - 7(13 - x) = 14$

f)  $5x - 5^2 = 10$   
g)  $9x - 2 \cdot 3^2 = 3^4$   
h)  $10x + 2^2 \cdot 5 = 10^2$   
k)  $125 - 5(4 + x) = 15$   
l)  $2^6 + (5 + x) = 3^4$

**Bài toán 6 :** Tìm x, biết.

a)  $15 : (x + 2) = 3$   
b)  $20 : (1 + x) = 2$   
c)  $240 : (x - 5) = 2^2 \cdot 5^2 - 20$   
d)  $96 - 3(x + 1) = 42$

e)  $5(x + 35) = 515$   
f)  $12x - 33 = 3^2 \cdot 3^3$   
g)  $541 + (218 - x) = 73$   
h)  $1230 : 3(x - 20) = 10$

**Bài toán 7 :** Thực hiện phép tính.

a)  $27 \cdot 75 + 25 \cdot 27 - 150$ ;  
b)  $142 - [50 - (2^3 \cdot 10 - 2^3 \cdot 5)]$   
c)  $375 : \{32 - [4 + (5 \cdot 3^2 - 42)]\} - 14$   
d)  $\{210 : [16 + 3 \cdot (6 + 3 \cdot 2^2)]\} - 3$   
e)  $500 - \{5[409 - (2^3 \cdot 3 - 21)^2] - 1724\}$

**Bài toán 8 :** Thực hiện phép tính.

a)  $80 - (4 \cdot 5^2 - 3 \cdot 2^3)$   
b)  $5^6 : 5^4 + 2^3 \cdot 2^2 - 1^{2017}$