

**Clasa 7 - Matematica - Soluții**

1. a)  $2x + 3 = 7$   
 $2x = 7 - 3$   
 $2x = 4$   
 $x = 2$

b)  $5y - 2 = 8$   
 $5y = 8 + 2$   
 $5y = 10$   
 $y = 2$

c)  $3z + 1 = 10$   
 $3z = 10 - 1$   
 $3z = 9$   
 $z = 3$

d)  $4w - 5 = 15$   
 $4w = 15 + 5$   
 $4w = 20$   
 $w = 5$

e)  $6v + 2 = 14$   
 $6v = 14 - 2$   
 $6v = 12$   
 $v = 2$

f)  $7u - 3 = 18$   
 $7u = 18 + 3$   
 $7u = 21$   
 $u = 3$

g)  $8t + 4 = 20$   
 $8t = 20 - 4$   
 $8t = 16$   
 $t = 2$

h)  $9s - 6 = 24$   
 $9s = 24 + 6$   
 $9s = 30$   
 $s = 3$

i)  $10r + 7 = 27$   
 $10r = 27 - 7$   
 $10r = 20$   
 $r = 2$

j)  $11q - 8 = 30$   
 $11q = 30 + 8$   
 $11q = 38$   
 $q = \frac{38}{11}$

k)  $12p + 9 = 33$   
 $12p = 33 - 9$   
 $12p = 24$   
 $p = 2$

l)  $13o - 10 = 35$   
 $13o = 35 + 10$   
 $13o = 45$   
 $o = \frac{45}{13}$

m)  $14n + 11 = 39$   
 $14n = 39 - 11$   
 $14n = 28$   
 $n = 2$