

# 1.

A.  $3x+7=28$

$3x=21$

$x = 7$

B.  $4x+9=53$

$4x=44$

$x = 11$

C.  $2x+3=11$

$2x=8$

$x = 4$

D.  $5+4x=39$

$4x=34$

$x = 8,5$

E.  $12+3x=15$

$3x=3$

$x = 1$

F.  $2x-8=20$

$2x=28$

$x = 14$

G.  $3x-7=41$

$3x=48$

$x = 16$

H.  $12-4x=2$

$4x=10$

$x = 2,5$

I.  $5-8x=-11$

$8x=16$

$x = 2$

J.  $100-9x=1$

$9x=99$

$x = 11$

K.  $6x+3=27$

$6x=24$

$x = 4$

L.  $5x+4=19$

$5x=15$

$x = 3$

M.  $2x-3=11$

$2x=14$

$x = 7$

N.  $15+2x=25$

$2x=10$

$x = 5$

O.  $120-2x=91$

$2x=29$

$x = 14,5$

P.  $25-4x=13$

$4x=12$

$x = 3$

Q.  $6x+12=24$

$6x=12$

$x = 2$

R.  $12x+1=37$

$12x=36$

$x = 3$

S.  $100-4x=64$

$4x=36$

$x = 9$

T.  $15+7x=71$

$7x=56$

$x = 8$

# 2.

A.  $1500 - 7 \times a = 1339$

$7 \times a = 161$

$a = 23$

B.  $6 \times m + 41 = 353$

$6 \times m = 312$

$m = 52$

C.  $4 + v \times 3,5 = 53$

$v \times 3,5 = 49$

$v = 14$

D.  $56 - 7 \times h = -21$

$7 \times h = 77$

$h = 11$

E.  $15 \times p - 72 = 153$

$15 \times p = 225$

$p = 15$

F.  $65 + u \times 32 = 417$

$u \times 32 = 352$

$u = 11$

G.  $350 - 12 \times p = 146$

$12 \times p = 204$

$p = 17$

H.  $24 + 7,4 \times d = 223,8$

$7,4 \times d = 199,8$

$d = 27$

I.  $45 + c \times 1,7 = 56,9$

$c \times 1,7 = 11,9$

$c = 7$

J.  $m \times 0,04 + 12 = 23$

$m \times 0,04 = 11$

$m = 275$

### 3.

A.  $1800 - 9 \times a = 675$

$9 \times a = 1125$

$a = 125$

B.  $0,75 \times m - 22 = 20$

$0,75 \times m = 42$

$m = 56$

C.  $-8 + v \times 5,5 = 135$

$v \times 5,5 = 143$

$v = 26$

D.  $126 - 9 \times h = -468$

$9 \times h = 594$

$h = 66$

E.  $12 \times p - 67 = 131$

$12 \times p = 198$

$p = 16,5$

F.  $58 + u \times 41 = 693,5$

$u \times 41 = 635,5$

$u = 15,5$

G.  $752 - 68 \times p = -200$

$68 \times p = 952$

$p = 14$

H.  $67 + 4,8 \times d = 153,4$

$4,8 \times d = 86,4$

$d = 18$

I.  $94 + c \times 0,4 = 596$

$c \times 0,4 = 502$

$c = 1255$

J.  $m \times 0,22 + 72 = 90,04$

$m \times 0,22 = 18,04$

$m = 82$

### 4.

A.  $18 + 4k = 24$

$4k = 6$

$k = 1\frac{1}{2}$

B.  $42 - 6p = -13$

$6p = 55$

$p = 9\frac{1}{6}$

C.  $11t - 21 = 42$

$11t = 63$

$t = 5\frac{8}{11}$

D.  $9y + 7 = 8$

$9y = 1$

$y = \frac{1}{9}$

E.  $13z - 2 = 21$

$13z = 23$

$z = 1\frac{10}{13}$

F.  $-7 + 5x = 6$

$5x = 13$

$x = 2\frac{3}{5}$

G.  $7m + 23 = 39$

$7m = 16$

$m = 2\frac{2}{7}$

H.  $61 - 3d = 45$

$3d = 16$

$d = 5\frac{1}{3}$

I.  $276 - 2q = 113$

$2q = 163$

$q = 81\frac{1}{2}$

J.  $48u + 34 = 298$

$48u = 264$

$u = 5\frac{1}{2}$

# 5.

A.  $45+7k = 56$

$7k = 11$

$k = 1\frac{4}{7}$

B.  $132-15p = -128$

$15p = 260$

$p = 17\frac{1}{3}$

C.  $16t-76 = -34$

$16t = 42$

$t = 2\frac{5}{8}$

D.  $6y+17 = 68$

$6y = 51$

$y = 8\frac{1}{2}$

E.  $10z-81 = 65$

$10z = 146$

$z = 14\frac{3}{5}$

F.  $-12+4x = 9$

$4x = 21$

$x = 5\frac{1}{4}$

G.  $5m+61 = 77$

$5m = 16$

$m = 3\frac{1}{5}$

H.  $47-8d = 45$

$8d = 2$

$d = \frac{1}{4}$

I.  $6-21q = -6$

$21q = 12$

$q = \frac{4}{7}$

J.  $70u-89 = 373$

$70u = 462$

$u = 6\frac{3}{5}$