921. Լուծե՛ք հավասարումը.

ա) x – 832 = 174,   գ) 1405 – x = 108,   ե) x + 818 = 896,
բ) x – 303 = 27,   դ) 84 + x = 124,   զ) 2003 + x = 4561:

ա) $x = 174 + 832$

$x = 1006$

բ) $x = 303 + 27$

$x = 330$

գ) $x = 1405 - 108$

$x = 1297$

դ) $x = 124 - 84$

$x = 40$

ե) $x = 896 - 818$

$x = 78$

զ) $x = 4561 - 2003$

$x = 558$

922. Լուծե՛ք հավասարումը.

ա) $x - \dfrac{3}{4} = \dfrac{5}{8}$,   գ) $\dfrac{3}{10} - x = \dfrac{4}{5}$,   ե) $x + 10\dfrac{2}{9} = 11\dfrac{5}{9}$,

բ) $x - \dfrac{1}{2} = \dfrac{5}{6}$,   դ) $1\dfrac{2}{3} + x = 4\dfrac{7}{9}$,   զ) $5\dfrac{7}{8} - x = 4\dfrac{13}{16}$:

ա) $x = \dfrac{5}{8} + \dfrac{3}{4} = \dfrac{5+6}{8} = \dfrac{11}{8}$

$x = \dfrac{11}{8}$

բ) $x = \dfrac{5}{6} + \dfrac{1}{2} = \dfrac{5+3}{6} = \dfrac{8}{6}$

$x = \dfrac{8}{6}$

գ) $x = \dfrac{4}{5} - \dfrac{3}{10} = \dfrac{8-3}{10} = \dfrac{5}{10} = \dfrac{1}{2}$

$x = \dfrac{1}{2}$

դ) $x = 4\frac{7}{9} - 1\frac{2}{3} = 3\frac{7-6}{9} = 3\frac{1}{9}$

$x = 3\frac{1}{9}$

ե) $x = 11\frac{5}{9} - 10\frac{2}{9} = 1\frac{5-2}{9} = 1\frac{3}{9} = 1\frac{1}{3}$

$x = 1\frac{1}{3}$

զ) $x = 5\frac{7}{8} - 4\frac{13}{16} = 1\frac{14-13}{16} = 1\frac{1}{16}$

$x = 1\frac{1}{16}$

924. Ո՞ր հավասարումների արմատն է 1 թիվը.

ա) $2 \cdot x = 5$,   գ) $x = 1$,   ե) $6 \cdot x + 8 = 14$,
բ) $4 \cdot x = 0$,   դ) $7 \cdot x = 7$,   զ) $8 - x = 7$:

գ) $x = 1$

դ) $x = 7 : 7$

$x = 1$

ե) $6 \bullet x = 6$

$x = 6 : 6$

$x = 1$

զ) $x = 8 - 7$

$x = 1$

925. Լուծեք հավասարումը.

ա) $6 - x = 8\frac{1}{2}$,   գ) $\frac{9}{11} - x = 2\frac{5}{22}$,   ե) $2 \cdot \left(x - \frac{1}{2}\right) = 4$,

բ) $x - 11\frac{3}{5} = -20\frac{4}{5}$,   դ) $-6\frac{1}{4} + x = -10$,   զ) $3 \cdot \left(\frac{1}{3} - x\right) = 2\frac{2}{3}$:

ա) $x = 6 - 8\frac{1}{2} = -2\frac{1}{2}$

$x = -2\frac{1}{2}$

բ) $x = -20\frac{4}{5} + 11\frac{3}{5} = -9\frac{4-3}{5} = -9\frac{1}{5}$

$x = -9\frac{1}{5}$

щ) $x = \dfrac{9}{11} - 2\dfrac{5}{22} = \dfrac{9}{11} - \dfrac{49}{22} = \dfrac{18 - 49}{22} = -\dfrac{31}{22} = -1\dfrac{9}{22}$

$x = 1\dfrac{9}{22}$

щ) $x = -10 - \left(-6\dfrac{1}{4}\right) = -\dfrac{10}{1} + 6\dfrac{1}{4} = -\dfrac{10}{1} + \dfrac{25}{4} = \dfrac{-40 + 25}{4} = -\dfrac{15}{4} = -3\dfrac{3}{4}$

$x = -3\dfrac{8}{4}$

ъ) $x - \dfrac{1}{2} = 4 : 2$

$x - \dfrac{1}{2} = 2$

$x = 2 + \dfrac{1}{2} = 2\dfrac{1}{2}$

$x = 2\dfrac{1}{2}$

щ) $\dfrac{1}{3} - x = 2\dfrac{2}{3} : 3 = \dfrac{8}{3} : \dfrac{3}{1} = \dfrac{8}{3} \cdot \dfrac{1}{3} = \dfrac{8}{9}$

$\dfrac{1}{3} - x = \dfrac{8}{9}$

$x = \dfrac{1}{3} - \dfrac{8}{9} = \dfrac{3 - 8}{9} = -\dfrac{5}{9}$

$x = -\dfrac{5}{9}$