Вариант ђ

1. $\frac{\left(152\frac{3}{4}-148\frac{3}{8}\right)\*0,3}{0,2}$
2. $\left(\frac{4a}{2-a}-a\right):\left(2+\frac{a^{2}+4}{a-2}\right)$
3. $2\frac{2}{3}x+1\frac{x}{2}-\frac{5}{6}=x-\frac{x}{3}$
4. $\frac{x-4}{3}\leq \frac{3-x}{2}$
5. $\left\{\begin{array}{c}\frac{1}{2}+\frac{x}{2}\geq \frac{x-1}{2}\\0.2\left(x-3\right)-\frac{2}{3}x>x\end{array}\right.$
6. $x^{2}-5x-14=0$
7. $x^{2}-4x=0$
8. $2x^{2}-5x+3=0$
9. $2x^{2}-9x+7>0$
10. $x^{2}-25<0$

Вариант ‽

1. $\frac{\left.172\frac{5}{6}-170\frac{1}{3}+3\frac{5}{12}\right.}{0,25\*0.8}$
2. $1+\frac{24}{\left(x-2\right)^{2}}\*\frac{4x-x^{2}-4}{3\left(x+6\right)}$
3. $\frac{1}{3}x+2\frac{3}{4}\left(x-2\right)=\frac{5}{6}$
4. $\frac{x-2}{3}+\frac{2}{5}+\frac{1}{15}>1$
5. $\left\{\begin{array}{c}\frac{x}{5}+\left(2x-1\right)-\left(\frac{2x-3}{3}\right)\leq 0\\0.2\left(x-3\right)-\frac{2}{3}x>x\end{array}\right.$
6. $x^{2}-2x-24=0$
7. $6x^{2}-8x+2=0$
8. $x^{2}-3x=0$
9. $2x^{2}-5x+3\leq 0$
10. $2x^{2}-7>0$

Вариант ﬃ

1. $\frac{\left(3.25-3\frac{1}{20}\right):0,2-\frac{3}{4}\*1\frac{1}{3}}{2.5\*0.01-0.1}$
2. $\frac{x-y}{4y}\*\frac{8y^{2}}{x^{2}-xy}-\frac{3}{x^{2}}$
3. $\frac{x-2}{3}=\frac{5-x}{2}$
4. $\frac{1}{3}x+2\frac{3}{4}(x-2)\leq \frac{5}{6}$
5. $\left\{\begin{array}{c}\frac{x}{5}+\left(2x-1\right)-\left(\frac{2x-3}{3}\right)\leq 0\\0.2\left(x-3\right)-\frac{2}{3}x>x\end{array}\right.$
6. $2x^{2}+3x-5=0$
7. $3x^{2}-27=0$
8. $x^{2}+13x-30=0$
9. $x^{2}-9x-22<0$
10. $7x^{2}-11x\geq 0$

Вариант ð

1. $\frac{\left(6.6-3\frac{3}{14}\right)\*5\frac{5}{6}}{\left(21-1.25\right):2.5}$
2. $\left(\frac{6a+1}{a^{2}-6a}+\frac{6a-1}{a^{2}+6a}\right)\*\frac{a^{2}-36}{a^{2}+1}$
3. $\frac{x-5}{2}-\frac{3-x}{3}+\frac{1}{6}=\frac{x}{2}$
4. $\frac{2x}{3}+\frac{3-x}{2}>\frac{5}{6}x$
5. $\left\{\begin{array}{c}\frac{2x}{3}+x-\left(\frac{4-x}{4}\right)\leq 1\\2\left(x+4\right)-\frac{1}{3}x>\frac{x}{2}\end{array}\right.$
6. $x^{2}-8x+7=0$
7. $x^{2}-2x-24=0$
8. $x^{2}-9x-22<0$
9. $7x^{2}+x-8>0$
10. $3x^{2}-13x\geq 0$

Вариант ζ

1. $\frac{\left(1\frac{1}{2}+2\frac{2}{3}+3\frac{3}{4}\right)\*3\frac{3}{5}}{14-15\frac{1}{8}:2\frac{1}{5}}$
2. $\left(a-\frac{a^{2}+b^{2}}{a+b}\right)$*\**$\left(\frac{1}{b}+\frac{2}{a-b}\right)$
3. $4x-\frac{x}{2}-\frac{x}{3}=57$
4. $\frac{7-6x}{2}+10x\leq \frac{8x+1}{2}-12$
5. $\left\{\begin{array}{c}\frac{x+1}{2}>2x-2\frac{1}{2}\\\frac{1}{2}-3x<\frac{2}{3}x-5\end{array}\right.$
6. $6x^{2}+2x-11=0$
7. $x^{2}-7x+10=0$
8. $x^{2}-x-12\geq 0$
9. $x^{2}-x<0$
10. $2x^{2}-4x+7>0$