

stress test

- [illegible]

- $$2. \quad \frac{6x-3y}{2} - \frac{x+4y}{3} - \frac{4x-5y}{6}$$

- ① $2x + 2y$ ② $2x - 2y$ ③ $x + y$
④ $x + 2y$ ⑤ $2x + y$

- [illegible]

- [illegible]

5. $-2a^2b \times (3ab)^2 \div (-2ab^2)^2 \div 9a^2b^2$ ÷ ê° ë ¨í í ë©'?

- $$\begin{array}{lll} \textcircled{1} & -a^3b^2 & \textcircled{2} & -\frac{a}{b^2} & \textcircled{3} & -\frac{1}{2b^3} \\ \textcircled{4} & \frac{a}{b^4} & \textcircled{5} & \frac{b^2}{a^3} & & \end{array}$$

- 6.** $a^3 b^2 \times a^5 b^6 = a^{\square} b^{\square}$, $\square$?

- ① 15,12 ② 8,8 ③ 9,7
④ 5,11 ⑤ 11,7

7. $\ddot{e} \propto \dot{e}^2$? ($\ddot{e} \neq 0, x \neq 0$)

- ① $x^5 \div x^5 = 0$
- ② $x^2 \times x^3 \times x^4 = x^8$
- ③ $(x^3 y^2)^4 = x^{12} y^6$
- ④ $\left(\frac{y^2}{x^4}\right)^3 = \frac{y^6}{x^{12}}$
- ⑤ $(x^4)^2 \times (x^3)^2 = x^{15}$

8. $-\frac{3}{4}x(x-2)\sqrt[4]{x^2+1}$, $\sqrt[4]{x^2+1}$, a , $b\sqrt[4]{x^2+1}$, $a+b\sqrt[4]{x^2+1}$?

- ① $-\frac{3}{4}$ ② $-\frac{1}{4}$ ③ $\frac{1}{4}$
④ $\frac{3}{4}$ ⑤ 1

$$17. \quad (-3x^A y^2)^2 \times Bx \div (3y^3)^2 = -\frac{9x^3}{y^C} \quad \text{if } A, B, C \text{ are integers}$$

18. $(4a^2b - 8ab + 2b) \div (-2b) + (a^2x - ax) \div \frac{1}{3}x$

19. $3(2x - y) = 6 + 4x - y$, $2(x - 2y) + 6y - 3$ $x - y$?

20. $\left(\frac{1}{2}x + 5\right)^2 + a = \frac{1}{4}x^2 + bx + 21$ için a ve b nin değerleri kaçtır?

21. $(x+1)(x+2)(x-3)(x-4)$ is x^2 or x^3 or x^4 or x^5 or x^6 or x^7 or x^8 or x^9 or x^{10} or x^{11} or x^{12} or x^{13} or x^{14} or x^{15} or x^{16} or x^{17} or x^{18} or x^{19} or x^{20} or x^{21} or x^{22} or x^{23} or x^{24} or x^{25} or x^{26} or x^{27} or x^{28} or x^{29} or x^{30} or x^{31} or x^{32} or x^{33} or x^{34} or x^{35} or x^{36} or x^{37} or x^{38} or x^{39} or x^{40} or x^{41} or x^{42} or x^{43} or x^{44} or x^{45} or x^{46} or x^{47} or x^{48} or x^{49} or x^{50} or x^{51} or x^{52} or x^{53} or x^{54} or x^{55} or x^{56} or x^{57} or x^{58} or x^{59} or x^{60} or x^{61} or x^{62} or x^{63} or x^{64} or x^{65} or x^{66} or x^{67} or x^{68} or x^{69} or x^{70} or x^{71} or x^{72} or x^{73} or x^{74} or x^{75} or x^{76} or x^{77} or x^{78} or x^{79} or x^{80} or x^{81} or x^{82} or x^{83} or x^{84} or x^{85} or x^{86} or x^{87} or x^{88} or x^{89} or x^{90} or x^{91} or x^{92} or x^{93} or x^{94} or x^{95} or x^{96} or x^{97} or x^{98} or x^{99} or x^{100} or x^{101} or x^{102} or x^{103} or x^{104} or x^{105} or x^{106} or x^{107} or x^{108} or x^{109} or x^{110} or x^{111} or x^{112} or x^{113} or x^{114} or x^{115} or x^{116} or x^{117} or x^{118} or x^{119} or x^{120} or x^{121} or x^{122} or x^{123} or x^{124} or x^{125} or x^{126} or x^{127} or x^{128} or x^{129} or x^{130} or x^{131} or x^{132} or x^{133} or x^{134} or x^{135} or x^{136} or x^{137} or x^{138} or x^{139} or x^{140} or x^{141} or x^{142} or x^{143} or x^{144} or x^{145} or x^{146} or x^{147} or x^{148} or x^{149} or x^{150} or x^{151} or x^{152} or x^{153} or x^{154} or x^{155} or x^{156} or x^{157} or x^{158} or x^{159} or x^{160} or x^{161} or x^{162} or x^{163} or x^{164} or x^{165} or x^{166} or x^{167} or x^{168} or x^{169} or x^{170} or x^{171} or x^{172} or x^{173} or x^{174} or x^{175} or x^{176} or x^{177} or x^{178} or x^{179} or x^{180} or x^{181} or x^{182} or x^{183} or x^{184} or x^{185} or x^{186} or x^{187} or x^{188} or x^{189} or x^{190} or x^{191} or x^{192} or x^{193} or x^{194} or x^{195} or x^{196} or x^{197} or x^{198} or x^{199} or x^{200} or x^{201} or x^{202} or x^{203} or x^{204} or x^{205} or x^{206} or x^{207} or x^{208} or x^{209} or x^{210} or x^{211} or x^{212} or x^{213} or x^{214} or x^{215} or x^{216} or x^{217} or x^{218} or x^{219} or x^{220} or x^{221} or x^{222} or x^{223} or x^{224} or x^{225} or x^{226} or x^{227} or x^{228} or x^{229} or x^{230} or x^{231} or x^{232} or x^{233} or x^{234} or x^{235} or x^{236} or x^{237} or x^{238} or x^{239} or x^{240} or x^{241} or x^{242} or x^{243} or x^{244} or x^{245} or x^{246} or x^{247} or x^{248} or x^{249} or x^{250} or x^{251} or x^{252} or x^{253} or x^{254} or x^{255} or x^{256} or x^{257} or x^{258} or x^{259} or x^{260} or x^{261} or x^{262} or x^{263} or x^{264} or x^{265} or x^{266} or x^{267} or x^{268} or x^{269} or x^{270} or x^{271} or x^{272} or x^{273} or x^{274} or x^{275} or x^{276} or x^{277} or x^{278} or x^{279} or x^{280} or x^{281} or x^{282} or x^{283} or x^{284} or x^{285} or x^{286} or x^{287} or x^{288} or x^{289} or x^{290} or x^{291} or x^{292} or x^{293} or x^{294} or x^{295} or x^{296} or x^{297} or x^{298} or x^{299} or x^{300} or x^{301} or x^{302} or x^{303} or x^{304} or x^{305} or x^{306} or x^{307} or x^{308} or x^{309} or x^{310} or x^{311} or x^{312} or x^{313} or x^{314} or x^{315} or x^{316} or x^{317} or x^{318} or x^{319} or x^{320} or x^{321} or x^{322} or x^{323} or x^{324} or x^{325} or x^{326} or x^{327} or x^{328} or x^{329} or x^{330} or x^{331} or x^{332} or x^{333} or x^{334} or x^{335} or x^{336} or x^{337} or x^{338} or x^{339} or x^{340} or x^{341} or x^{342} or x^{343} or x^{344} or x^{345} or x^{346} or x^{347} or x^{348} or x^{349} or x^{350} or x^{351} or x^{352} or x^{353} or x^{354} or x^{355} or x^{356} or x^{357} or x^{358} or x^{359} or x^{360} or x^{361} or x^{362} or x^{363} or x^{364} or x^{365} or x^{366} or x^{367} or x^{368} or x^{369} or x^{370} or x^{371} or x^{372} or x^{373} or x^{374} or x^{375} or x^{376} or x^{377} or x^{378} or x^{379} or x^{380} or

22. $\frac{3^x}{9^{-x+y}} = 27$, $\frac{25^{x+y}}{5^{3y}} = 625$ 이 ¼ ẽ , $64^x \times 625^y$ 이
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23. $x, y \in \mathbb{R}^n, x \neq y, x \cdot y = 0$, $\triangle x \cdot y = (8xy^2 + 4xy^2) \div 2xy$, $x \triangle y = (12x^2y - 8x^2y) \div 4xy$ $\triangle x \cdot y = \frac{(x \cdot y) - (x \triangle y)}{(x \cdot y) + (x \triangle y)}$?

24. $-4a - \{3a + 5b - 2(a - 2b - \boxed{})\} = -a - 11b$
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25. $a^2 = 12, b^2 = 18$ ¼ ¨ , $\left(\frac{1}{2}a + \frac{2}{3}b\right)\left(\frac{1}{2}a - \frac{2}{3}b\right)$ ¨
 ¨ ?

- ① -9 ② -8 ③ -6 ④ -5 ⑤ -3