

1) 7844×33.2 4100×55.5

2) 2780×74.9 4222×40.9

3) 7605×27.4 3788×71.5

4) 6971×59.8 9557×55.3

5) 9984×71.1 9800×87.8

6) 4213×29.7 6942×21.2

7) 1693×72.3 4755×29.4

8) 5375×40.4 5415×32.4

9) $\frac{127}{145}$ $\frac{202}{203}$

10) $\frac{129}{103}$ $\frac{181}{127}$

11) $\frac{163}{183}$ $\frac{237}{242}$

12) $\frac{72}{223}$ $\frac{61}{187}$

13) $\frac{324}{132}$ $\frac{254}{96}$

14) $\frac{323}{206}$ $\frac{316}{224}$

15) $\frac{24}{158}$ $\frac{49}{343}$

16) $\frac{304}{327}$ $\frac{261}{292}$

17) $\frac{234}{176}$ $\frac{134}{87}$

18) $\frac{125}{93}$ $\frac{118}{100}$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

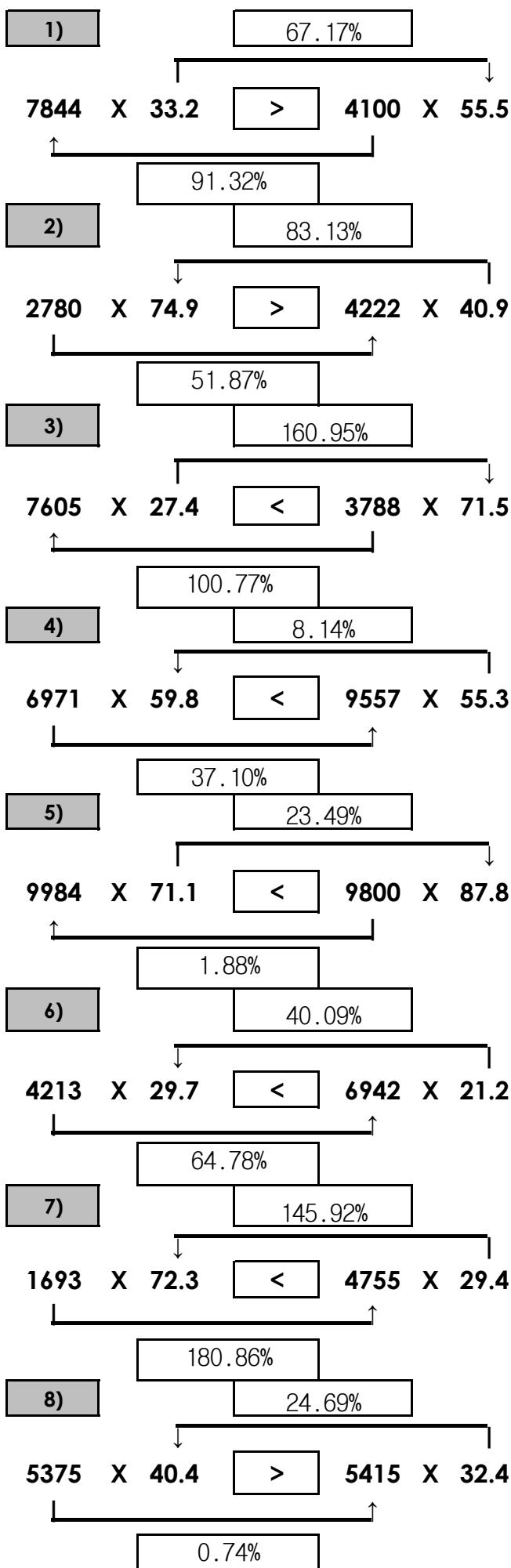
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	127	59.06%	202
	145	->	203
	0.876	40.00%	0.995
10)	129	40.31%	181
	103	->	127
	1.252	23.30%	1.425
11)	163	45.40%	237
	183	->	242
	0.891	32.24%	0.979
12)	72	18.03%	61
	223	<-	187
	0.323	19.25%	0.326
13)	324	27.56%	254
	132	<-	96
	2.455	37.50%	2.646
14)	323	2.22%	316
	206	->	224
	1.568	8.74%	1.411
15)	24	104.17%	49
	158	->	343
	0.152	117.09%	0.143
16)	304	16.48%	261
	327	<-	292
	0.930	11.99%	0.894
17)	234	74.63%	134
	176	<-	87
	1.330	102.30%	1.540
18)	125	5.93%	118
	93	->	100
	1.344	7.53%	1.180

Vitamin M

Multiplication

4

매일 매일 하나씩, 자료해석 비타민

1)

$$4748 \times 44.9$$

$$5908 \times 31.5$$

2)

$$2081 \times 78.6$$

$$4456 \times 45.6$$

3)

$$8837 \times 44.8$$

$$4710 \times 74.9$$

4)

$$9540 \times 84.3$$

$$9125 \times 99.2$$

5)

$$7861 \times 51.9$$

$$6824 \times 72.9$$

6)

$$2335 \times 73.5$$

$$1875 \times 80.9$$

7)

$$3934 \times 98.9$$

$$5541 \times 90.0$$

8)

$$9265 \times 23.3$$

$$7816 \times 24.2$$

9)

$$\begin{array}{r} 122 \\ \times 149 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ \hline 134 \\ 161 \end{array}$$

10)

$$\begin{array}{r} 86 \\ \times 139 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ \hline 186 \\ 275 \end{array}$$

11)

$$\begin{array}{r} 195 \\ \times 305 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ \hline 208 \\ 311 \end{array}$$

12)

$$\begin{array}{r} 158 \\ \times 177 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ \hline 224 \\ 286 \end{array}$$

13)

$$\begin{array}{r} 298 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ \hline 261 \\ 52 \end{array}$$

14)

$$\begin{array}{r} 295 \\ \times 298 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ \hline 101 \\ 102 \end{array}$$

15)

$$\begin{array}{r} 256 \\ \times 330 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ \hline 182 \\ 243 \end{array}$$

16)

$$\begin{array}{r} 97 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ \hline 110 \\ 50 \end{array}$$

17)

$$\begin{array}{r} 232 \\ \times 123 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ \hline 223 \\ 114 \end{array}$$

18)

$$\begin{array}{r} 180 \\ \times 261 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ \hline 109 \\ 142 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

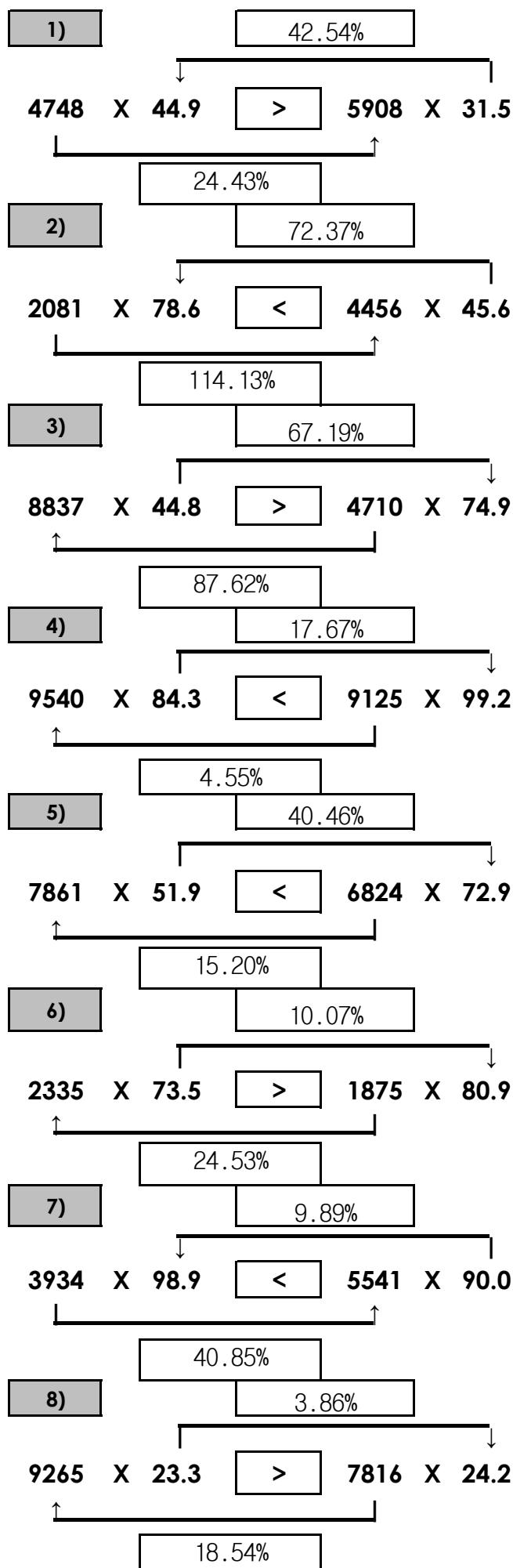
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민 4

9)	122	9.84% ->	134
	149	->	161
	0.819	8.05%	0.832
10)	86	116.28% ->	186
	139	->	275
	0.619	97.84%	0.676
11)	195	6.67% ->	208
	305	->	311
	0.639	1.97%	0.669
12)	158	41.77% ->	224
	177	->	286
	0.893	61.58%	0.783
13)	298	14.18% <-	261
	58	<-	52
	5.138	11.54%	5.019
14)	295	192.08% <-	101
	298	<-	102
	0.990	192.16%	0.990
15)	256	40.66% <-	182
	330	<-	243
	0.776	35.80%	0.749
16)	97	13.40% ->	110
	39	->	50
	2.487	28.21%	2.200
17)	232	4.04% <-	223
	123	<-	114
	1.886	7.89%	1.956
18)	180	65.14% <-	109
	261	<-	142
	0.690	83.80%	0.768

1) 3962×57.7 2714×93.9

2) 4054×56.7 3350×87.0

3) 1803×96.8 3076×71.3

4) 9928×35.3 6637×67.3

5) 1826×75.1 4891×23.8

6) 2217×30.3 3854×23.2

7) 6552×40.8 4783×67.3

8) 3666×40.4 9878×17.0

[Click here for a new set of problems](#)

9) $\frac{91}{255}$ $\frac{115}{318}$

10) $\frac{216}{211}$ $\frac{250}{245}$

11) $\frac{61}{273}$ $\frac{26}{112}$

12) $\frac{277}{236}$ $\frac{219}{201}$

13) $\frac{197}{280}$ $\frac{168}{271}$

14) $\frac{195}{72}$ $\frac{194}{79}$

15) $\frac{330}{234}$ $\frac{255}{165}$

16) $\frac{122}{102}$ $\frac{168}{136}$

17) $\frac{64}{156}$ $\frac{37}{99}$

18) $\frac{185}{49}$ $\frac{257}{77}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

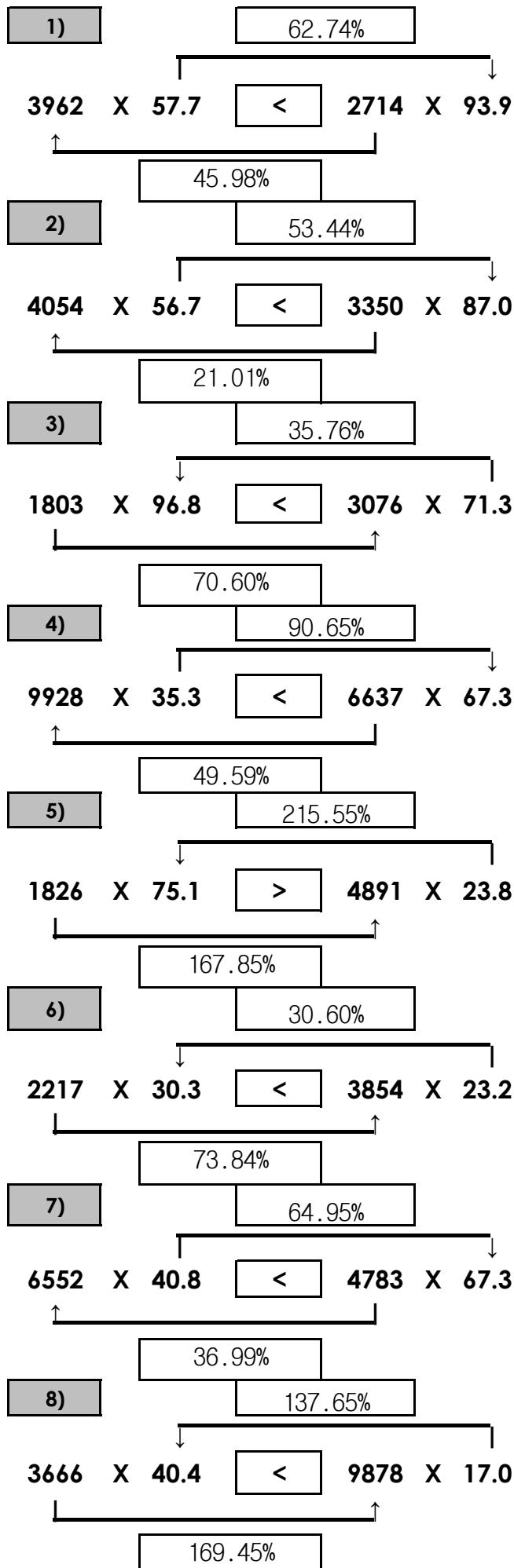
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

5

9)	91	26.37% -> ->	115 318 0.362
	255	24.71%	
	0.357		
10)	216	15.74% -> ->	250 245 1.020
	211	16.11%	
	1.024		
11)	61	134.62% <- <-	26 112 0.232
	273	143.75%	
	0.223		
12)	277	26.48% <- <-	219 201 1.090
	236	17.41%	
	1.174		
13)	197	17.26% <- <-	168 271 0.620
	280	3.32%	
	0.704		
14)	195	0.52% <- ->	194 79 2.456
	72	9.72%	
	2.708		
15)	330	29.41% <- <-	255 165 1.545
	234	41.82%	
	1.410		
16)	122	37.70% -> ->	168 136 1.235
	102	33.33%	
	1.196		
17)	64	72.97% <- <-	37 99 0.374
	156	57.58%	
	0.410		
18)	185	38.92% -> ->	257 77 3.338
	49	57.14%	
	3.776		

1) 9045×55.5 7271×57.3

2) 1874×66.3 1158×95.0

3) 9242×46.8 9766×38.5

4) 3237×11.4 4132×10.0

5) 4945×43.5 2216×79.1

6) 1306×61.0 8925×11.1

7) 8812×42.2 5547×58.0

8) 1484×74.8 7307×12.3

[Click here for a new set of problems](#)

9) $\frac{307}{305}$ $\frac{116}{113}$

10) $\frac{116}{191}$ $\frac{101}{145}$

11) $\frac{251}{188}$ $\frac{322}{262}$

12) $\frac{195}{71}$ $\frac{197}{70}$

13) $\frac{86}{250}$ $\frac{105}{342}$

14) $\frac{146}{278}$ $\frac{142}{282}$

15) $\frac{202}{100}$ $\frac{126}{69}$

16) $\frac{181}{193}$ $\frac{260}{261}$

17) $\frac{280}{337}$ $\frac{163}{205}$

18) $\frac{278}{343}$ $\frac{154}{213}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

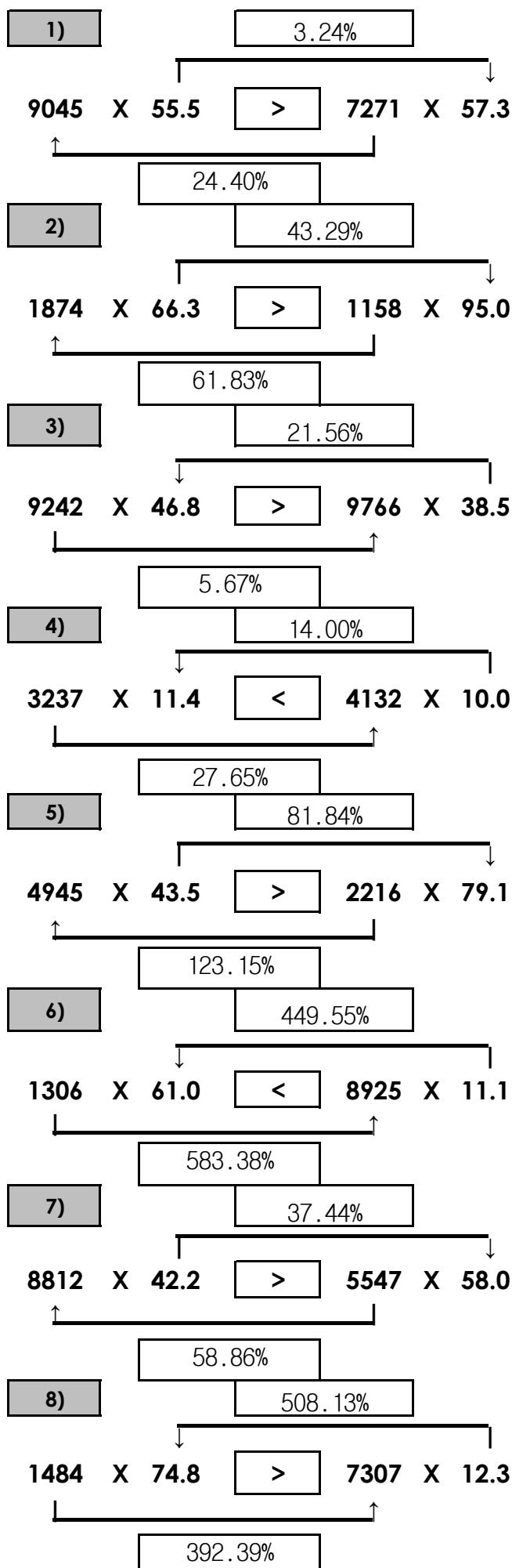
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	307	164.66%	116
	305	<-	113
	1.007	169.91%	1.027
10)	116	14.85%	101
	191	<-	145
	0.607	31.72%	0.697
11)	251	28.29%	322
	188	->	262
	1.335	39.36%	1.229
12)	195	1.03%	197
	71	->	70
	2.746	1.43%	2.814
13)	86	22.09%	105
	250	->	342
	0.344	36.80%	0.307
14)	146	2.82%	142
	278	->	282
	0.525	1.44%	0.504
15)	202	60.32%	126
	100	<-	69
	2.020	44.93%	1.826
16)	181	43.65%	260
	193	->	261
	0.938	35.23%	0.996
17)	280	71.78%	163
	337	<-	205
	0.831	64.39%	0.795
18)	278	80.52%	154
	343	<-	213
	0.810	61.03%	0.723

1) 7493×28.1 3186×76.5

2) 5535×48.2 7333×45.5

3) 9893×16.9 4313×33.6

4) 6316×24.4 4250×44.1

5) 5138×69.6 5702×51.7

6) 4761×65.2 4437×78.1

7) 9644×59.6 7449×89.3

8) 4208×67.8 6745×34.9

[Click here for a new set of problems](#)

9) $\frac{172}{216}$ $\frac{117}{162}$

10) $\frac{238}{281}$ $\frac{131}{159}$

11) $\frac{126}{218}$ $\frac{98}{169}$

12) $\frac{151}{37}$ $\frac{209}{51}$

13) $\frac{182}{242}$ $\frac{285}{336}$

14) $\frac{32}{55}$ $\frac{93}{173}$

15) $\frac{152}{205}$ $\frac{198}{276}$

16) $\frac{161}{71}$ $\frac{259}{114}$

17) $\frac{289}{268}$ $\frac{332}{318}$

18) $\frac{212}{60}$ $\frac{109}{32}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

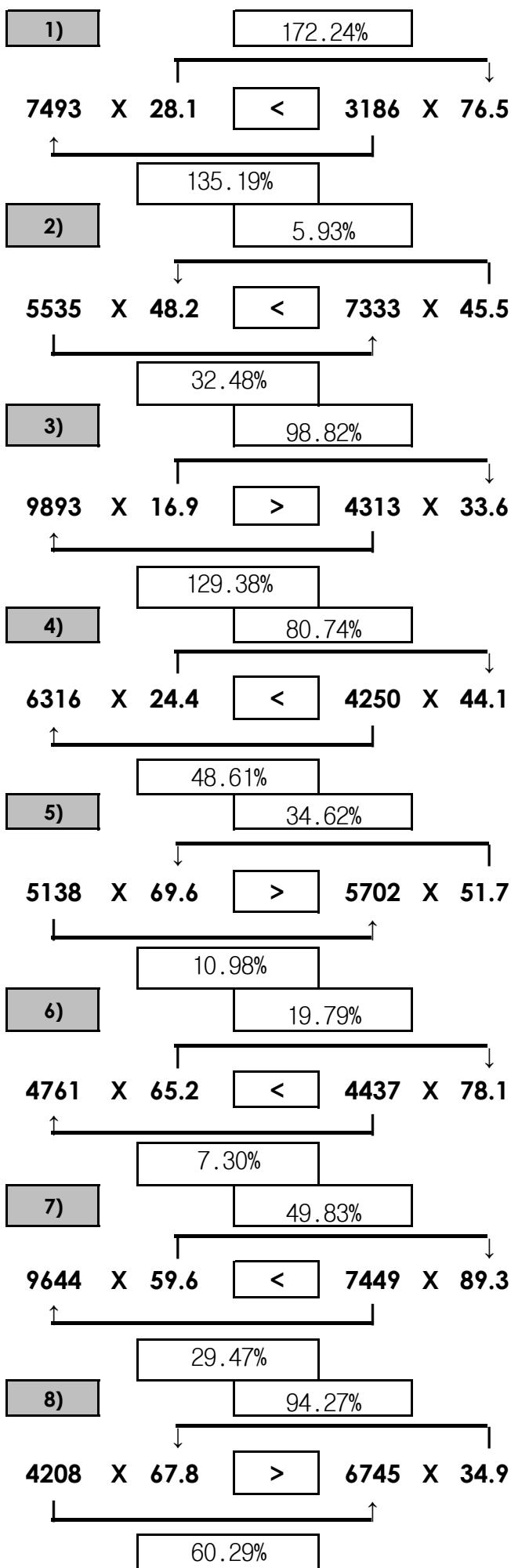
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	172 216 0.796	47.01% <- <- 33.33%	117 162 0.722
10)	238 281 0.847	81.68% <- <- 76.73%	131 159 0.824
11)	126 218 0.578	28.57% <- <- 28.99%	98 169 0.580
12)	151 37 4.081	38.41% -> -> 37.84%	209 51 4.098
13)	182 242 0.752	56.59% -> -> 38.84%	285 336 0.848
14)	32 55 0.582	190.63% -> -> 214.55%	93 173 0.538
15)	152 205 0.741	30.26% -> -> 34.63%	198 276 0.717
16)	161 71 2.268	60.87% -> -> 60.56%	259 114 2.272
17)	289 268 1.078	14.88% -> -> 18.66%	332 318 1.044
18)	212 60 3.533	94.50% <- <- 87.50%	109 32 3.406

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민



1) 4609×76.0 5639×69.1

2) 3972×57.2 7642×35.8

3) 4965×99.2 9305×66.5

4) 4805×85.3 7860×68.6

5) 5111×75.5 7171×70.8

6) 7289×47.6 5851×70.5

7) 8630×25.4 8355×33.0

8) 2335×15.8 6936×6.3

[Click here for a new set of problems](#)

9) $\frac{113}{69}$ $\frac{116}{72}$

10) $\frac{79}{224}$ $\frac{73}{187}$

11) $\frac{168}{328}$ $\frac{145}{314}$

12) $\frac{198}{282}$ $\frac{230}{301}$

13) $\frac{312}{264}$ $\frac{317}{271}$

14) $\frac{34}{39}$ $\frac{171}{177}$

15) $\frac{319}{173}$ $\frac{216}{120}$

16) $\frac{203}{165}$ $\frac{143}{126}$

17) $\frac{175}{330}$ $\frac{160}{290}$

18) $\frac{97}{241}$ $\frac{140}{300}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

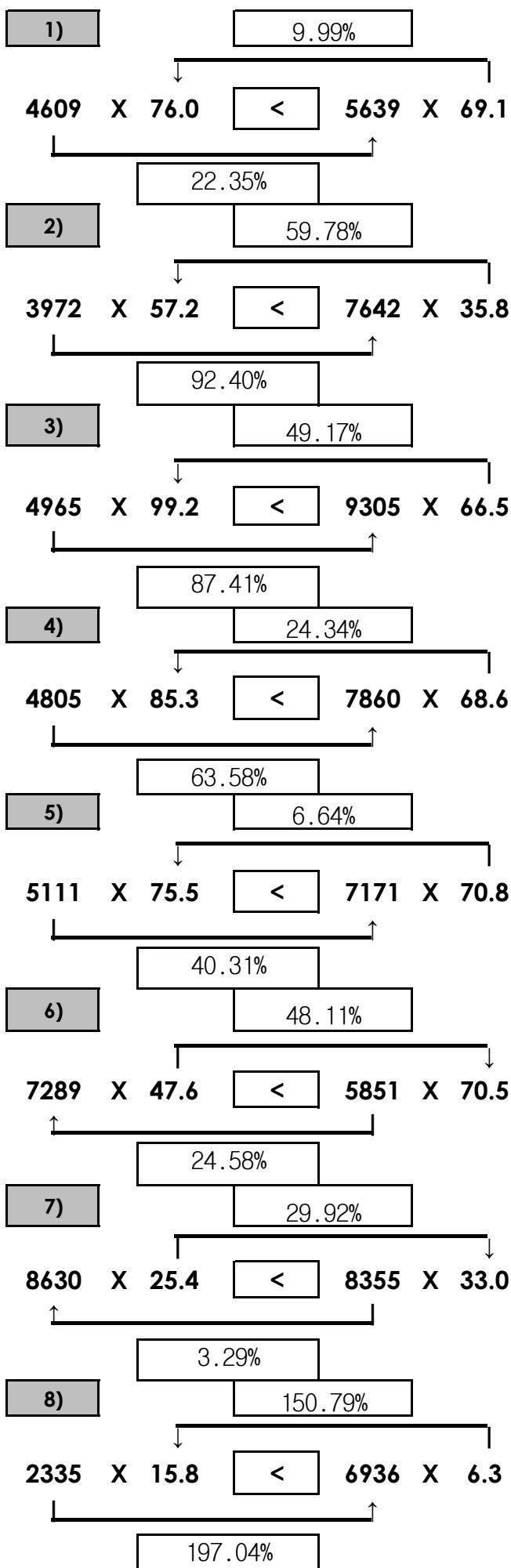
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민



9)	113	2.65% -> ->	116
	69	->	72
	1.638	4.35%	1.611
10)	79	8.22% -< -<	73
	224	19.79%	187
	0.353	0.390	
11)	168	15.86% -< -<	145
	328	4.46%	314
	0.512	0.462	
12)	198	16.16% -> ->	230
	282	6.74%	301
	0.702	0.764	
13)	312	1.60% -> ->	317
	264	2.65%	271
	1.182	1.170	
14)	34	402.94% -> ->	171
	39	353.85%	177
	0.872	0.966	
15)	319	47.69% -< -<	216
	173	44.17%	120
	1.844	1.800	
16)	203	41.96% -< -<	143
	165	30.95%	126
	1.230	1.135	
17)	175	9.38% -< -<	160
	330	13.79%	290
	0.530	0.552	
18)	97	44.33% -> ->	140
	241	24.48%	300
	0.402	0.467	

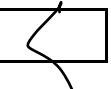
Vitamin M

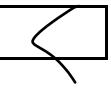
Multiplication

매일 매일 하나씩, 자료해석 비타민

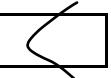
P

2:30

1) 8437×59.4  6606×99.0

2) 6693×30.6  3589×71.8

3) ~~9701×12.5~~  8086×13.0

4) 5461×31.1  3151×62.1

5) 2200×71.4  1351×95.2

6) 4715×43.8  9391×19.0

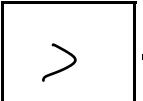
7) 8624×98.4  7244×99.3

8) 3583×44.4  5386×36.2

[Click here for a new set of problems](#)

9) $\frac{231}{306}$  $\frac{211}{288}$

10) $\frac{14}{68}$  $\frac{10}{54}$

11) $\frac{329}{55}$  $\frac{253}{46}$

12) $\frac{186}{312}$  $\frac{85}{160}$

13) $\frac{171}{332}$  $\frac{100}{215}$

14) $\frac{177}{304}$  $\frac{128}{222}$ 1 P2

15) $\frac{242}{290}$  $\frac{131}{165}$ 262

16) $\frac{119}{87}$  $\frac{115}{79}$

17) $\frac{133}{252}$  $\frac{91}{161}$

18) $\frac{278}{244}$  $\frac{330}{295}$ 34 15

4'00"~ : Need Work

3'30"~4'00" : Acceptable

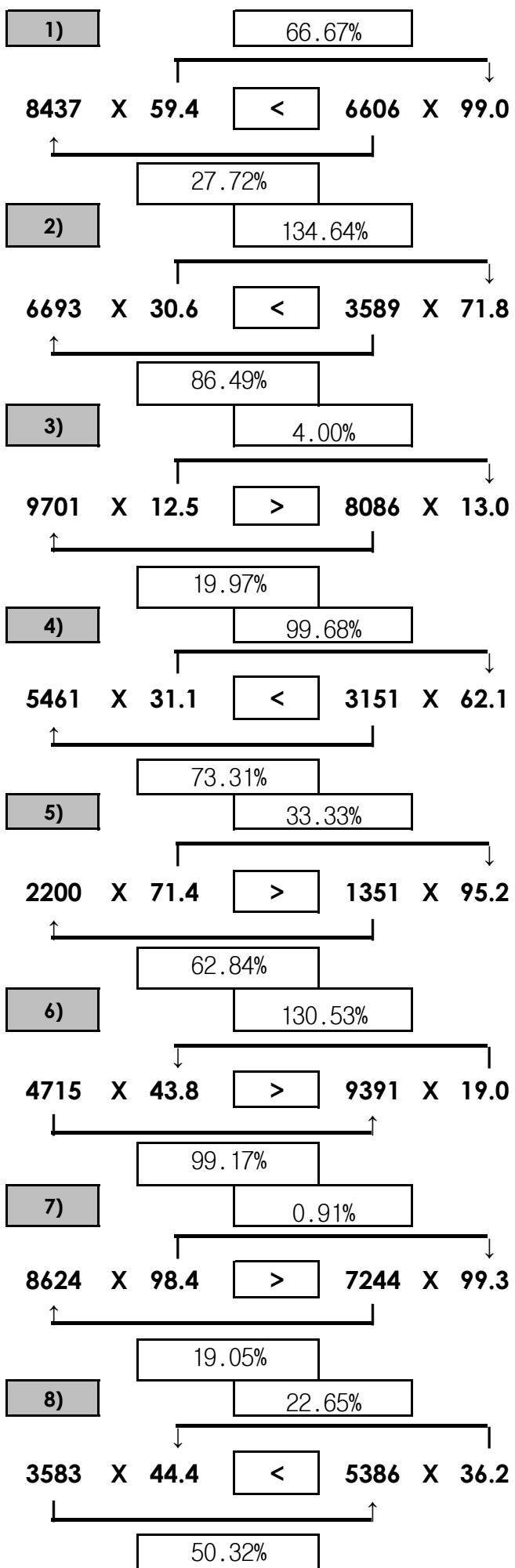
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	231	9.48%	211
	306	<-	288
	0.755	6.25%	0.733
10)	14	40.00%	10
	68	<-	54
	0.206	25.93%	0.185
11)	329	30.04%	253
	55	<-	46
	5.982	19.57%	5.500
12)	186	118.82%	85
	312	<-	160
	0.596	95.00%	0.531
13)	171	71.00%	100
	332	<-	215
	0.515	54.42%	0.465
14)	177	38.28%	128
	304	<-	222
	0.582	36.94%	0.577
15)	242	84.73%	131
	290	<-	165
	0.834	75.76%	0.794
16)	119	3.48%	115
	87	<-	79
	1.368	10.13%	1.456
17)	133	46.15%	91
	252	<-	161
	0.528	56.52%	0.565
18)	278	18.71%	330
	244	->	295
	1.139	20.90%	1.119

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

1)

$$7152 \times 22.6$$

$$3781 \times 51.2$$

2)

$$3197 \times 91.4$$

$$9040 \times 40.1$$

3)

$$4596 \times 21.9$$

$$6489 \times 13.6$$

4)

$$9280 \times 38.9$$

$$3377 \times 92.1$$

5)

$$5839 \times 74.8$$

$$9887 \times 56.8$$

6)

$$4248 \times 18.7$$

$$1744 \times 51.1$$

7)

$$4256 \times 44.0$$

$$3243 \times 74.9$$

8)

$$9730 \times 8.2$$

$$8867 \times 11.6$$

9)

147

$$\overline{173}$$

266

$$\overline{319}$$

10)

203

$$\overline{272}$$

245

$$\overline{298}$$

11)

34

$$\overline{123}$$

90

$$\overline{327}$$

12)

271

$$\overline{289}$$

121

$$\overline{147}$$

13)

218

$$\overline{143}$$

303

$$\overline{197}$$

14)

206

$$\overline{84}$$

270

$$\overline{95}$$

15)

53

$$\overline{39}$$

330

$$\overline{221}$$

16)

212

$$\overline{286}$$

251

$$\overline{306}$$

17)

308

$$\overline{240}$$

333

$$\overline{231}$$

18)

254

$$\overline{291}$$

259

$$\overline{294}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

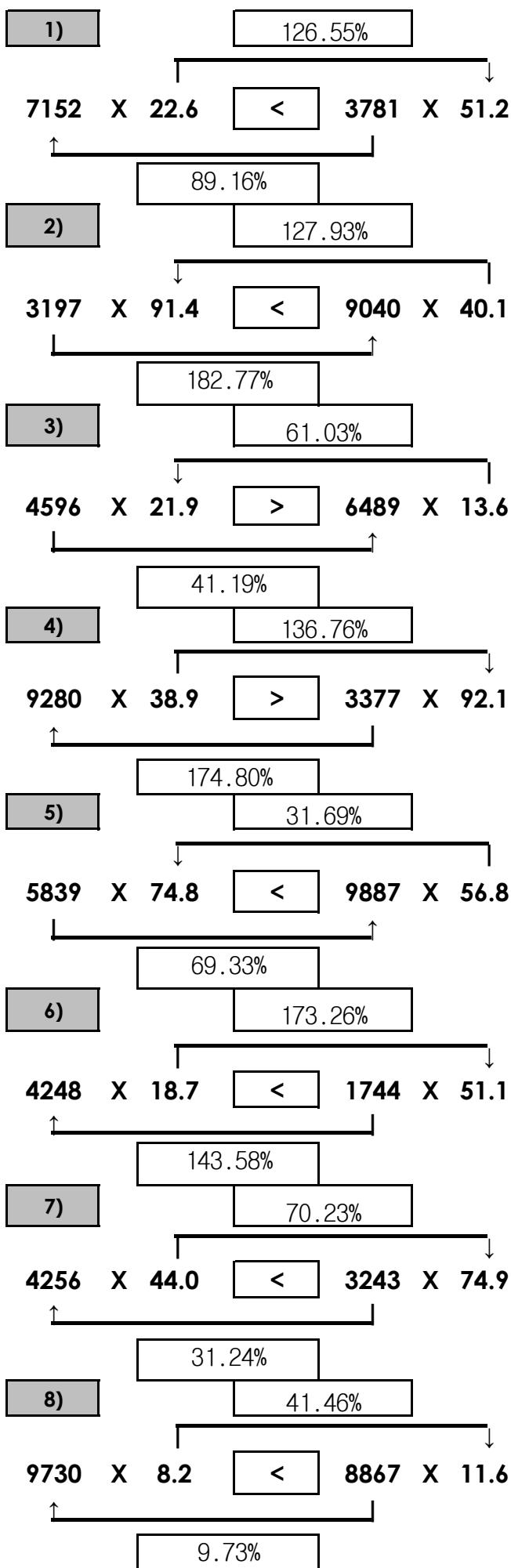
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	147 173 0.850	80.95% -> -> 84.39%	<u>266</u> <u>319</u> 0.834
10)	203 272 0.746	20.69% -> -> 9.56%	<u>245</u> <u>298</u> 0.822
11)	34 123 0.276	164.71% -> -> 165.85%	<u>90</u> <u>327</u> 0.275
12)	271 289 0.938	123.97% <- <- 96.60%	<u>121</u> <u>147</u> 0.823
13)	218 143 1.524	38.99% -> -> 37.76%	<u>303</u> <u>197</u> 1.538
14)	206 84 2.452	31.07% -> -> 13.10%	<u>270</u> <u>95</u> 2.842
15)	53 39 1.359	522.64% -> -> 466.67%	<u>330</u> <u>221</u> 1.493
16)	212 286 0.741	18.40% -> -> 6.99%	<u>251</u> <u>306</u> 0.820
17)	308 240 1.283	8.12% -> <- 3.90%	<u>333</u> <u>231</u> 1.442
18)	254 291 0.873	1.97% -> -> 1.03%	<u>259</u> <u>294</u> 0.881

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

1)

$$5818 \times 41.6$$

$$9668 \times 30.2$$

2)

$$3547 \times 66.2$$

$$4724 \times 44.1$$

3)

$$3499 \times 79.8$$

$$8763 \times 37.6$$

4)

$$10002 \times 43.3$$

$$5643 \times 67.0$$

5)

$$2220 \times 83.7$$

$$3789 \times 55.1$$

6)

$$6219 \times 43.5$$

$$3343 \times 67.9$$

7)

$$9394 \times 42.6$$

$$6944 \times 67.3$$

8)

$$1489 \times 18.8$$

$$7021 \times 5.0$$

9)

$$\begin{array}{r} 95 \\ \hline 209 \\ \hline \end{array}$$

$$\begin{array}{r} 103 \\ \hline 227 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 163 \\ \hline 77 \\ \hline \end{array}$$

$$\begin{array}{r} 198 \\ \hline 97 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 142 \\ \hline 126 \\ \hline \end{array}$$

$$\begin{array}{r} 180 \\ \hline 175 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 80 \\ \hline 231 \\ \hline \end{array}$$

$$\begin{array}{r} 107 \\ \hline 341 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 210 \\ \hline 166 \\ \hline \end{array}$$

$$\begin{array}{r} 327 \\ \hline 267 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 85 \\ \hline 222 \\ \hline \end{array}$$

$$\begin{array}{r} 121 \\ \hline 336 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 72 \\ \hline 245 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \hline 39 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 87 \\ \hline 142 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \hline 130 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 186 \\ \hline 63 \\ \hline \end{array}$$

$$\begin{array}{r} 249 \\ \hline 83 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 35 \\ \hline 104 \\ \hline \end{array}$$

$$\begin{array}{r} 108 \\ \hline 308 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

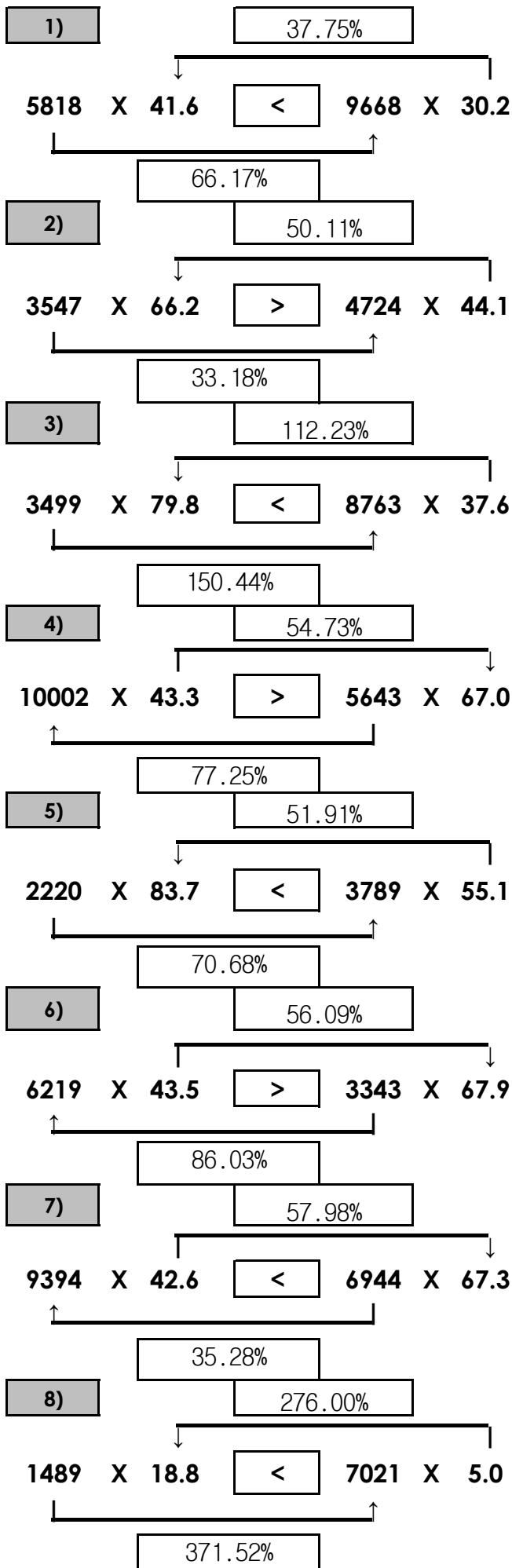
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	95 209 0.455	8.42% -> -> 8.61%	103 227 0.454
10)	163 77 2.117	21.47% -> -> 25.97%	198 97 2.041
11)	142 126 1.127	26.76% -> -> 38.89%	180 175 1.029
12)	80 231 0.346	33.75% -> -> 47.62%	107 341 0.314
13)	210 166 1.265	55.71% -> -> 60.84%	327 267 1.225
14)	85 222 0.383	42.35% -> -> 51.35%	121 336 0.360
15)	72 245 0.294	554.55% <- <- 528.21%	11 39 0.282
16)	87 142 0.613	7.41% <- <- 9.23%	81 130 0.623
17)	186 63 2.952	33.87% -> -> 31.75%	249 83 3.000
18)	35 104 0.337	208.57% -> -> 196.15%	108 308 0.351

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

1)

$$5818 \times 41.6$$

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[Click here for a new set of problems](#)

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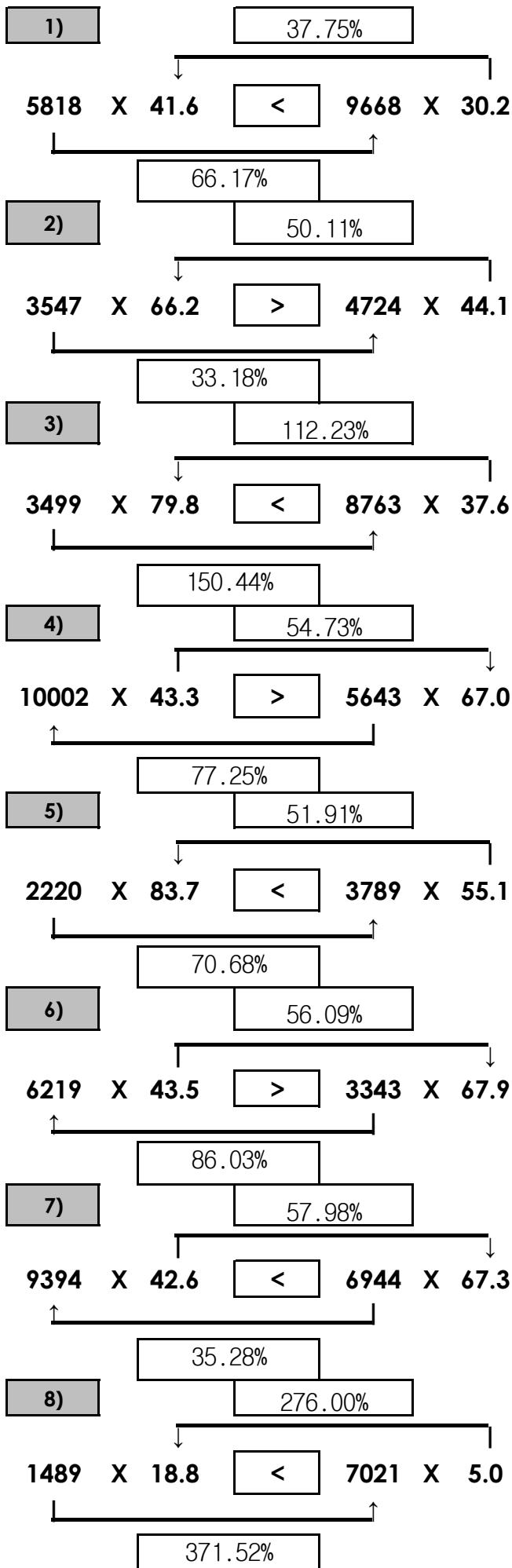
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Vitamin Multiplication



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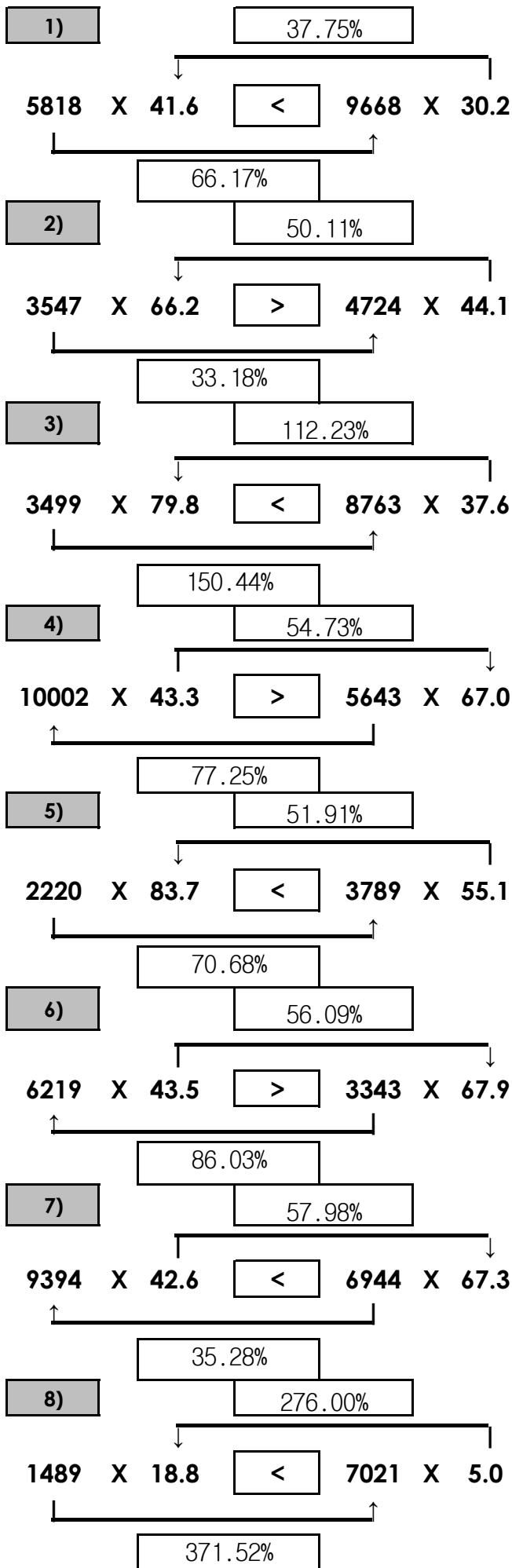
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Vitamin Multiplication



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$$39$$

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$$\begin{array}{r} 87 \\ \hline 142 \\ \hline \end{array}$$

$$81$$

$$130$$

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$$249$$

$$83$$

18)

$$\begin{array}{r} 35 \\ \hline 104 \\ \hline \end{array}$$

$$108$$

$$308$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

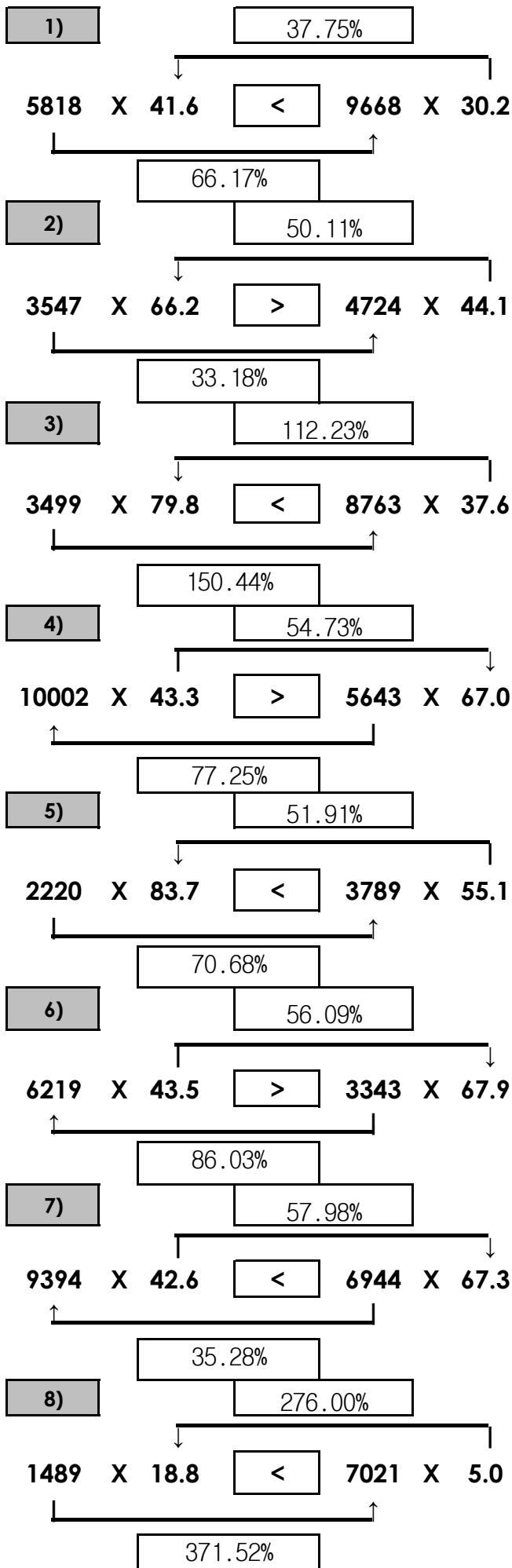
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Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

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Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

1)

$$2162 \times 83.6$$

$$4257 \times 34.9$$

2)

$$9960 \times 18.4$$

$$2671 \times 86.1$$

3)

$$7787 \times 23.5$$

$$9649 \times 16.6$$

4)

$$6541 \times 88.8$$

$$9378 \times 71.9$$

5)

$$6018 \times 46.8$$

$$5112 \times 72.9$$

6)

$$4106 \times 12.4$$

$$6611 \times 9.4$$

7)

$$7283 \times 14.4$$

$$2573 \times 45.6$$

8)

$$2549 \times 48.0$$

$$8399 \times 16.5$$

9)

$$\begin{array}{r} 152 \\ \hline 290 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ \hline 175 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 171 \\ \hline 320 \\ \hline \end{array}$$

$$\begin{array}{r} 165 \\ \hline 269 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 251 \\ \hline 230 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ \hline 68 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 98 \\ \hline 116 \\ \hline \end{array}$$

$$\begin{array}{r} 220 \\ \hline 272 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 181 \\ \hline 120 \\ \hline \end{array}$$

$$\begin{array}{r} 197 \\ \hline 131 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 218 \\ \hline 315 \\ \hline \end{array}$$

$$\begin{array}{r} 188 \\ \hline 255 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 33 \\ \hline 77 \\ \hline \end{array}$$

$$\begin{array}{r} 121 \\ \hline 311 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 265 \\ \hline 340 \\ \hline \end{array}$$

$$\begin{array}{r} 196 \\ \hline 234 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 168 \\ \hline 229 \\ \hline \end{array}$$

$$\begin{array}{r} 159 \\ \hline 209 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 157 \\ \hline 193 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ \hline 66 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

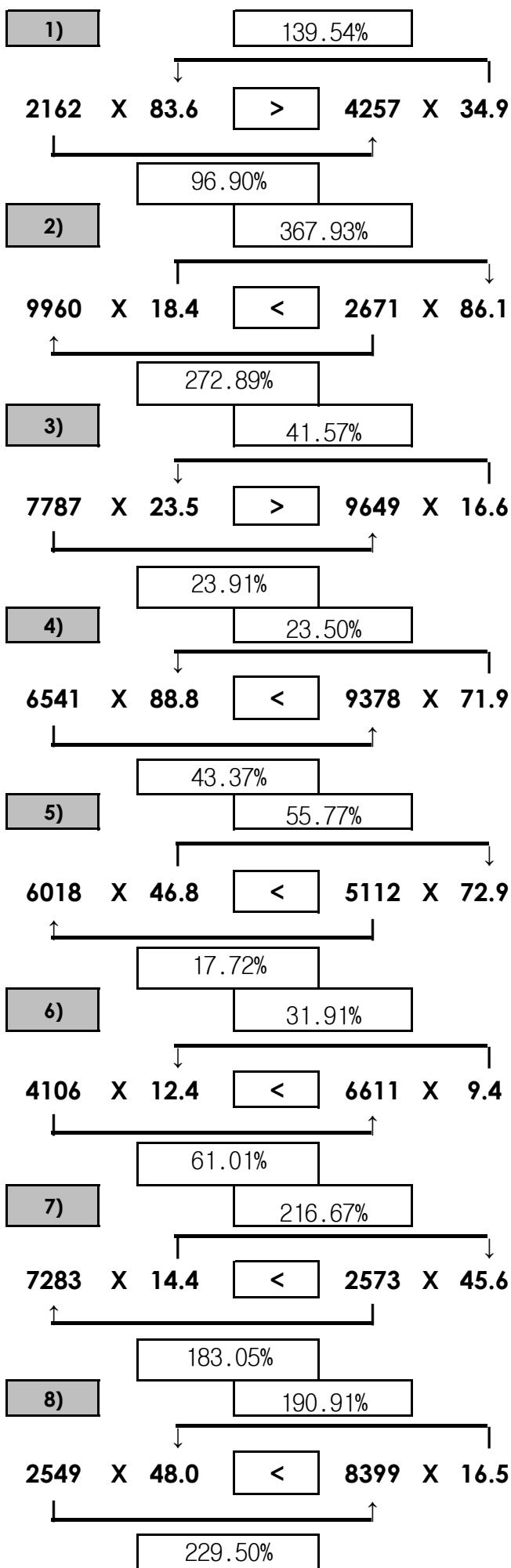
3'00"~3'30" : Average

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Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	$\frac{152}{290}$	52.00%	100
	0.524	<-	175
10)	$\frac{171}{320}$	3.64%	165
	0.534	<-	269
11)	$\frac{251}{230}$	258.57%	70
	1.091	<-	68
12)	$\frac{98}{116}$	124.49%	220
	0.845	->	272
13)	$\frac{181}{120}$	134.48%	0.809
	1.508	->	197
14)	$\frac{218}{315}$	8.84%	131
	0.692	->	188
15)	$\frac{33}{77}$	9.17%	0.737
	0.429	->	255
16)	$\frac{265}{340}$	15.96%	121
	0.779	<-	311
17)	$\frac{168}{229}$	266.67%	0.389
	0.734	->	196
18)	$\frac{157}{193}$	303.90%	234
	0.813	<-	159
		35.20%	209
		45.30%	0.838
		5.66%	159
		<-	209
		9.57%	0.761
		180.36%	56
		<-	66
		192.42%	0.848

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

1) 8574×62.0 6740×94.9

2) 4046×46.6 1619×94.2

3) 9712×42.8 7984×63.8

4) 5658×14.8 4625×16.0

5) 5538×94.3 8521×73.5

6) 4348×56.2 8992×33.3

7) 3534×39.0 6300×28.6

8) 2999×19.4 5125×13.4

9) $\frac{308}{169}$ $\frac{258}{153}$

10) $\frac{258}{138}$ $\frac{317}{162}$

11) $\frac{332}{318}$ $\frac{317}{290}$

12) $\frac{295}{215}$ $\frac{267}{183}$

13) $\frac{237}{182}$ $\frac{74}{60}$

14) $\frac{108}{328}$ $\frac{101}{325}$

15) $\frac{22}{93}$ $\frac{44}{210}$

16) $\frac{93}{27}$ $\frac{301}{92}$

17) $\frac{115}{143}$ $\frac{230}{303}$

18) $\frac{98}{141}$ $\frac{154}{194}$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

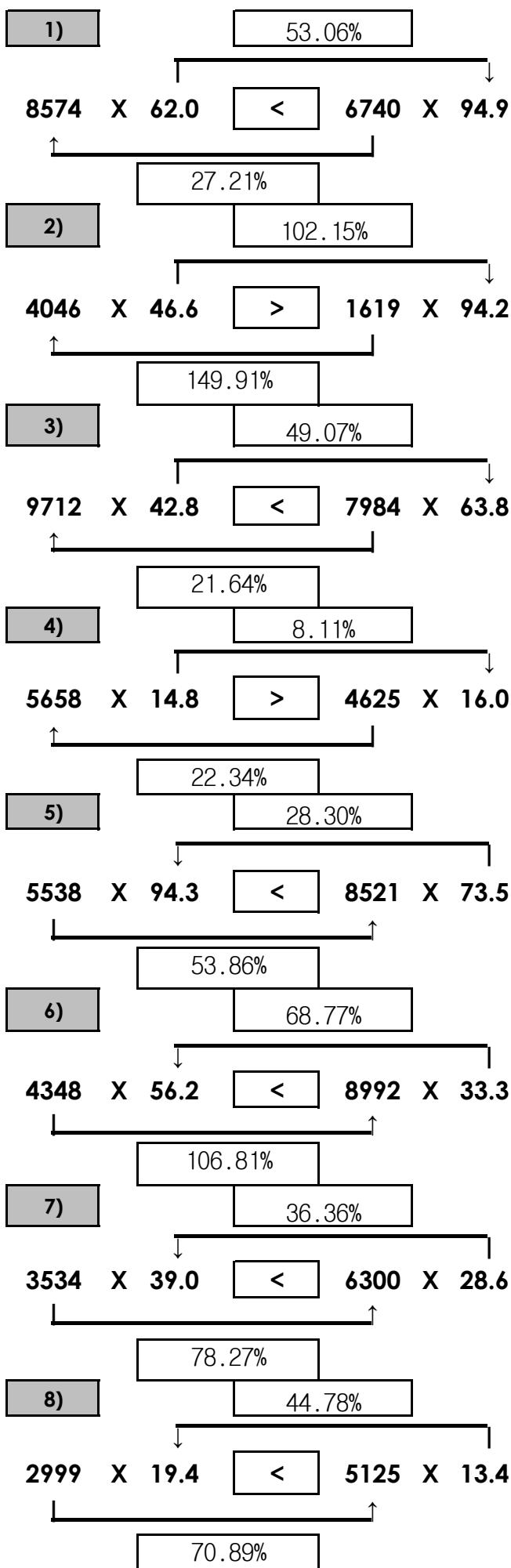
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Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	308	19.38%	258
	169	<-	153
	1.822	<-	1.686
10)	258	22.87%	317
	138	->	162
	1.870	->	1.957
11)	332	4.73%	317
	318	<-	290
	1.044	<-	1.093
12)	295	9.66%	267
	215	<-	183
	1.372	<-	1.459
13)	237	10.49%	74
	182	<-	60
	1.302	203.33%	1.233
14)	108	220.27%	101
	328	<-	325
	0.329	<-	0.311
15)	22	6.93%	44
	93	->	210
	0.237	->	0.210
16)	93	100.00%	301
	27	->	92
	3.444	->	3.272
17)	115	125.81%	230
	143	->	303
	0.804	->	0.759
18)	98	223.66%	154
	141	->	194
	0.695	->	0.794

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

1)

$$3359 \times 8.9$$

$$1330 \times 26.8$$

2)

$$3135 \times 20.7$$

$$5281 \times 14.9$$

3)

$$4058 \times 61.2$$

$$7072 \times 42.5$$

4)

$$3122 \times 77.1$$

$$4816 \times 43.9$$

5)

$$4500 \times 29.7$$

$$4235 \times 38.9$$

6)

$$1939 \times 91.4$$

$$9028 \times 16.7$$

7)

$$2604 \times 88.8$$

$$7691 \times 39.0$$

8)

$$7679 \times 46.7$$

$$4141 \times 69.8$$

9)

$$\begin{array}{r} 274 \\ 76 \\ \hline \end{array}$$

$$\begin{array}{r} 207 \\ 52 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 229 \\ 94 \\ \hline \end{array}$$

$$\begin{array}{r} 175 \\ 77 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 97 \\ 174 \\ \hline \end{array}$$

$$\begin{array}{r} 130 \\ 215 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 8 \\ 60 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ 251 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 71 \\ 224 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ 180 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 221 \\ 155 \\ \hline \end{array}$$

$$\begin{array}{r} 123 \\ 91 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 73 \\ 212 \\ \hline \end{array}$$

$$\begin{array}{r} 115 \\ 294 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 331 \\ 237 \\ \hline \end{array}$$

$$\begin{array}{r} 312 \\ 219 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 84 \\ 284 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ 301 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 193 \\ 115 \\ \hline \end{array}$$

$$\begin{array}{r} 283 \\ 156 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

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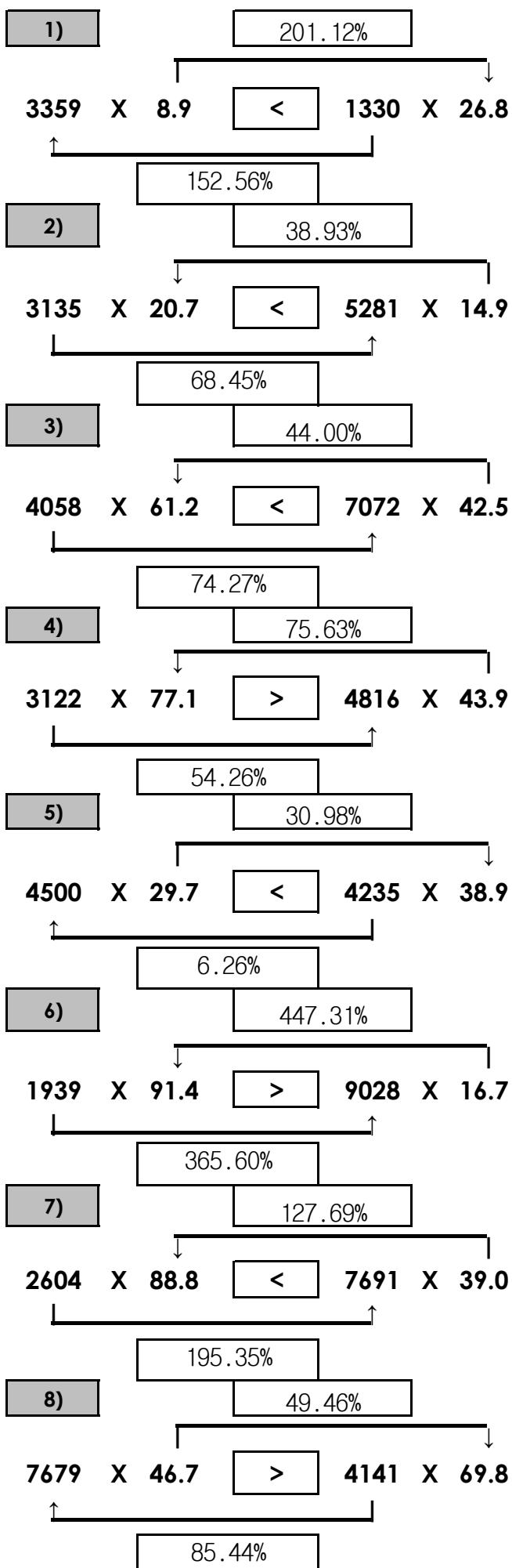
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Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	274 76 3.605	32.37% <- <- 46.15%	207 52 3.981
10)	229 94 2.436	30.86% <- <- 22.08%	175 77 2.273
11)	97 174 0.557	34.02% -> -> 23.56%	130 215 0.605
12)	8 60 0.133	287.50% -> -> 318.33%	31 251 0.124
13)	71 224 0.317	18.33% <- <- 24.44%	60 180 0.333
14)	221 155 1.426	79.67% <- <- 70.33%	123 91 1.352
15)	73 212 0.344	57.53% -> -> 38.68%	115 294 0.391
16)	331 237 1.397	6.09% <- <- 8.22%	312 219 1.425
17)	84 284 0.296	5.95% -> -> 5.99%	89 301 0.296
18)	193 115 1.678	46.63% -> -> 35.65%	283 156 1.814

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

1)

$$8543 \times 44.5$$

$$7054 \times 70.1$$

2)

$$9726 \times 10.6$$

$$5040 \times 24.9$$

3)

$$1239 \times 41.1$$

$$2119 \times 28.9$$

4)

$$7628 \times 50.5$$

$$6057 \times 82.3$$

5)

$$2419 \times 79.7$$

$$5830 \times 28.1$$

6)

$$7673 \times 63.3$$

$$7312 \times 80.6$$

7)

$$9529 \times 67.2$$

$$5985 \times 88.0$$

8)

$$8340 \times 40.9$$

$$7414 \times 56.7$$

9)

$$\begin{array}{r} 227 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 216 \\ \hline 35 \end{array}$$

10)

$$\begin{array}{r} 12 \\ \hline 125 \end{array}$$

$$\begin{array}{r} 17 \\ \hline 164 \end{array}$$

11)

$$\begin{array}{r} 246 \\ \hline 199 \end{array}$$

$$\begin{array}{r} 307 \\ \hline 260 \end{array}$$

12)

$$\begin{array}{r} 243 \\ \hline 235 \end{array}$$

$$\begin{array}{r} 282 \\ \hline 246 \end{array}$$

13)

$$\begin{array}{r} 51 \\ \hline 23 \end{array}$$

$$\begin{array}{r} 284 \\ \hline 146 \end{array}$$

14)

$$\begin{array}{r} 205 \\ \hline 209 \end{array}$$

$$\begin{array}{r} 285 \\ \hline 300 \end{array}$$

15)

$$\begin{array}{r} 191 \\ \hline 299 \end{array}$$

$$\begin{array}{r} 202 \\ \hline 321 \end{array}$$

16)

$$\begin{array}{r} 242 \\ \hline 122 \end{array}$$

$$\begin{array}{r} 302 \\ \hline 150 \end{array}$$

17)

$$\begin{array}{r} 331 \\ \hline 236 \end{array}$$

$$\begin{array}{r} 314 \\ \hline 215 \end{array}$$

18)

$$\begin{array}{r} 152 \\ \hline 116 \end{array}$$

$$\begin{array}{r} 149 \\ \hline 122 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

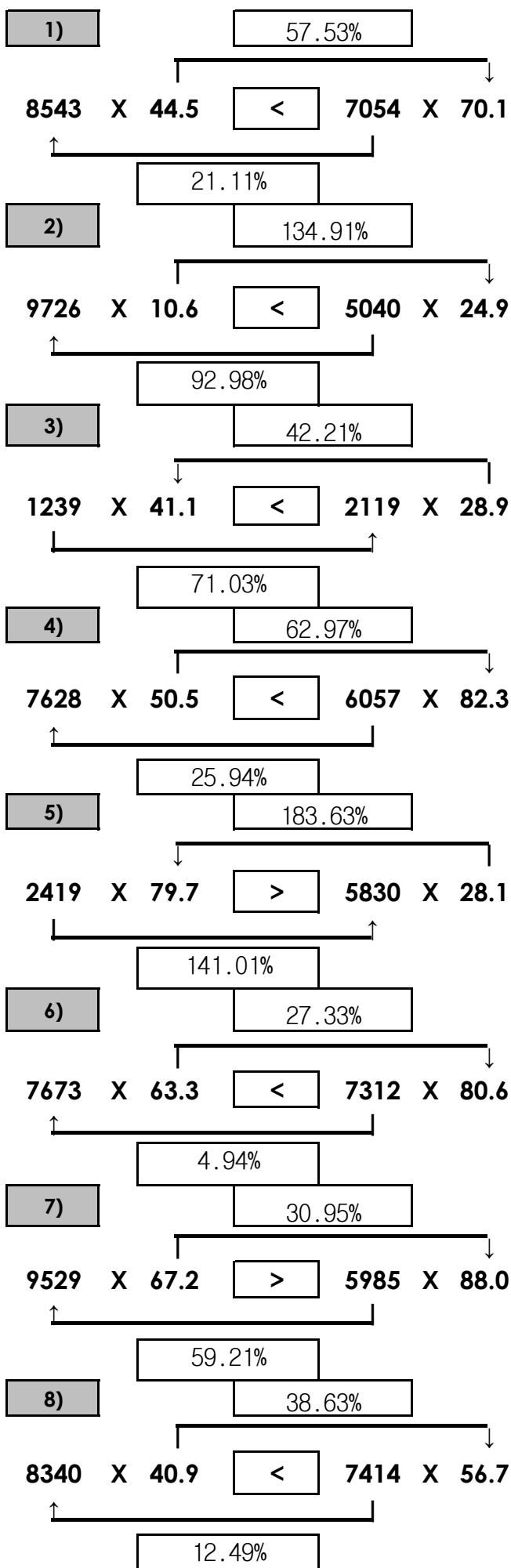
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	227 34 6.676	5.09% <- -> 2.94%	216 35 6.171
10)	12 125 0.096	41.67% -> -> 31.20%	17 164 0.104
11)	246 199 1.236	24.80% -> -> 30.65%	307 260 1.181
12)	243 235 1.034	16.05% -> -> 4.68%	282 246 1.146
13)	51 23 2.217	456.86% -> -> 534.78%	284 146 1.945
14)	205 209 0.981	39.02% -> -> 43.54%	285 300 0.950
15)	191 299 0.639	5.76% -> -> 7.36%	202 321 0.629
16)	242 122 1.984	24.79% -> -> 22.95%	302 150 2.013
17)	331 236 1.403	5.41% <- <- 9.77%	314 215 1.460
18)	152 116 1.310	2.01% <- -> 5.17%	149 122 1.221

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

1)

$$8543 \times 44.5$$

$$7054 \times 70.1$$

2)

$$9726 \times 10.6$$

$$5040 \times 24.9$$

3)

$$1239 \times 41.1$$

$$2119 \times 28.9$$

4)

$$7628 \times 50.5$$

$$6057 \times 82.3$$

5)

$$2419 \times 79.7$$

$$5830 \times 28.1$$

6)

$$7673 \times 63.3$$

$$7312 \times 80.6$$

7)

$$9529 \times 67.2$$

$$5985 \times 88.0$$

8)

$$8340 \times 40.9$$

$$7414 \times 56.7$$

9)

$$\begin{array}{r} 227 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 216 \\ \hline 35 \end{array}$$

10)

$$\begin{array}{r} 12 \\ \hline 125 \end{array}$$

$$\begin{array}{r} 17 \\ \hline 164 \end{array}$$

11)

$$\begin{array}{r} 246 \\ \hline 199 \end{array}$$

$$\begin{array}{r} 307 \\ \hline 260 \end{array}$$

12)

$$\begin{array}{r} 243 \\ \hline 235 \end{array}$$

$$\begin{array}{r} 282 \\ \hline 246 \end{array}$$

13)

$$\begin{array}{r} 51 \\ \hline 23 \end{array}$$

$$\begin{array}{r} 284 \\ \hline 146 \end{array}$$

14)

$$\begin{array}{r} 205 \\ \hline 209 \end{array}$$

$$\begin{array}{r} 285 \\ \hline 300 \end{array}$$

15)

$$\begin{array}{r} 191 \\ \hline 299 \end{array}$$

$$\begin{array}{r} 202 \\ \hline 321 \end{array}$$

16)

$$\begin{array}{r} 242 \\ \hline 122 \end{array}$$

$$\begin{array}{r} 302 \\ \hline 150 \end{array}$$

17)

$$\begin{array}{r} 331 \\ \hline 236 \end{array}$$

$$\begin{array}{r} 314 \\ \hline 215 \end{array}$$

18)

$$\begin{array}{r} 152 \\ \hline 116 \end{array}$$

$$\begin{array}{r} 149 \\ \hline 122 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

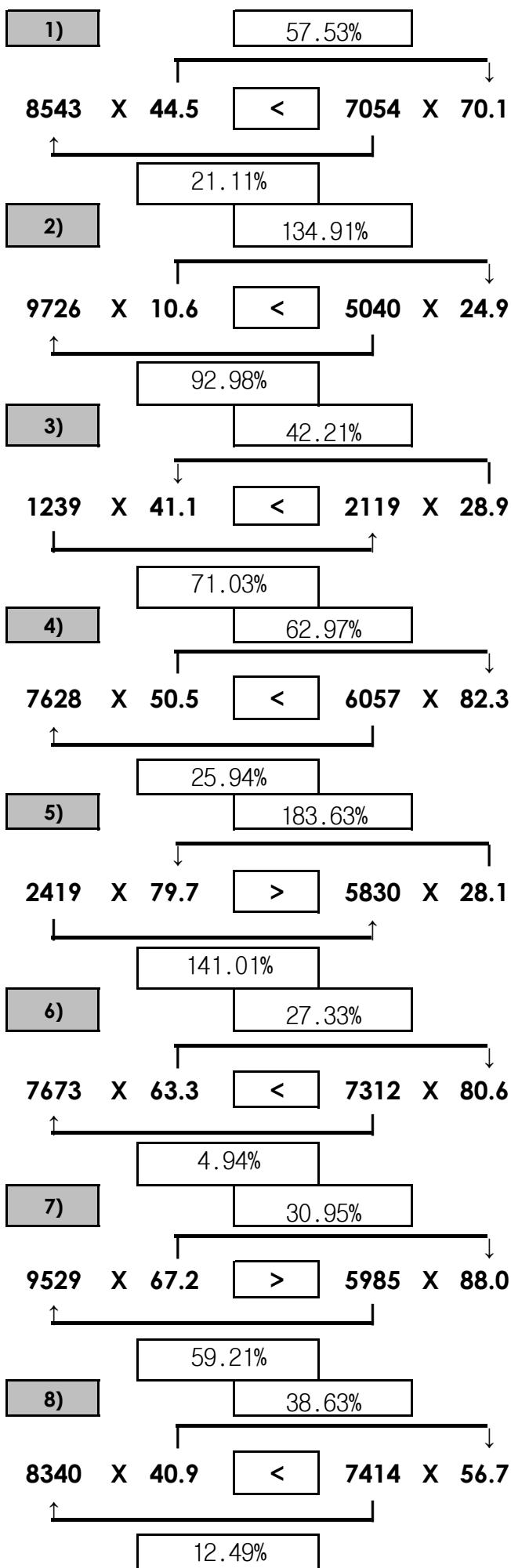
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	227 34 6.676	5.09% <- -> 2.94%	216 35 6.171
10)	12 125 0.096	41.67% -> -> 31.20%	17 164 0.104
11)	246 199 1.236	24.80% -> -> 30.65%	307 260 1.181
12)	243 235 1.034	16.05% -> -> 4.68%	282 246 1.146
13)	51 23 2.217	456.86% -> -> 534.78%	284 146 1.945
14)	205 209 0.981	39.02% -> -> 43.54%	285 300 0.950
15)	191 299 0.639	5.76% -> -> 7.36%	202 321 0.629
16)	242 122 1.984	24.79% -> -> 22.95%	302 150 2.013
17)	331 236 1.403	5.41% <- <- 9.77%	314 215 1.460
18)	152 116 1.310	2.01% <- -> 5.17%	149 122 1.221

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

1)

$$8411 \times 78.8$$

$$7106 \times 82.1$$

2)

$$8298 \times 66.3$$

$$9745 \times 47.5$$

3)

$$7925 \times 19.1$$

$$4196 \times 32.0$$

4)

$$8332 \times 64.6$$

$$6304 \times 72.7$$

5)

$$7586 \times 15.4$$

$$3622 \times 36.0$$

6)

$$4248 \times 94.8$$

$$4374 \times 80.0$$

7)

$$8355 \times 25.1$$

$$4217 \times 43.2$$

8)

$$8093 \times 25.9$$

$$2321 \times 75.7$$

9)

$$\begin{array}{r} 254 \\ 182 \end{array}$$

$$\begin{array}{r} 335 \\ 240 \end{array}$$

10)

$$\begin{array}{r} 320 \\ 159 \end{array}$$

$$\begin{array}{r} 288 \\ 142 \end{array}$$

11)

$$\begin{array}{r} 96 \\ 86 \end{array}$$

$$\begin{array}{r} 246 \\ 218 \end{array}$$

12)

$$\begin{array}{r} 153 \\ 290 \end{array}$$

$$\begin{array}{r} 97 \\ 195 \end{array}$$

13)

$$\begin{array}{r} 122 \\ 316 \end{array}$$

$$\begin{array}{r} 133 \\ 327 \end{array}$$

14)

$$\begin{array}{r} 103 \\ 88 \end{array}$$

$$\begin{array}{r} 86 \\ 79 \end{array}$$

15)

$$\begin{array}{r} 165 \\ 333 \end{array}$$

$$\begin{array}{r} 144 \\ 273 \end{array}$$

16)

$$\begin{array}{r} 322 \\ 213 \end{array}$$

$$\begin{array}{r} 198 \\ 119 \end{array}$$

17)

$$\begin{array}{r} 260 \\ 132 \end{array}$$

$$\begin{array}{r} 326 \\ 163 \end{array}$$

18)

$$\begin{array}{r} 258 \\ 108 \end{array}$$

$$\begin{array}{r} 157 \\ 58 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

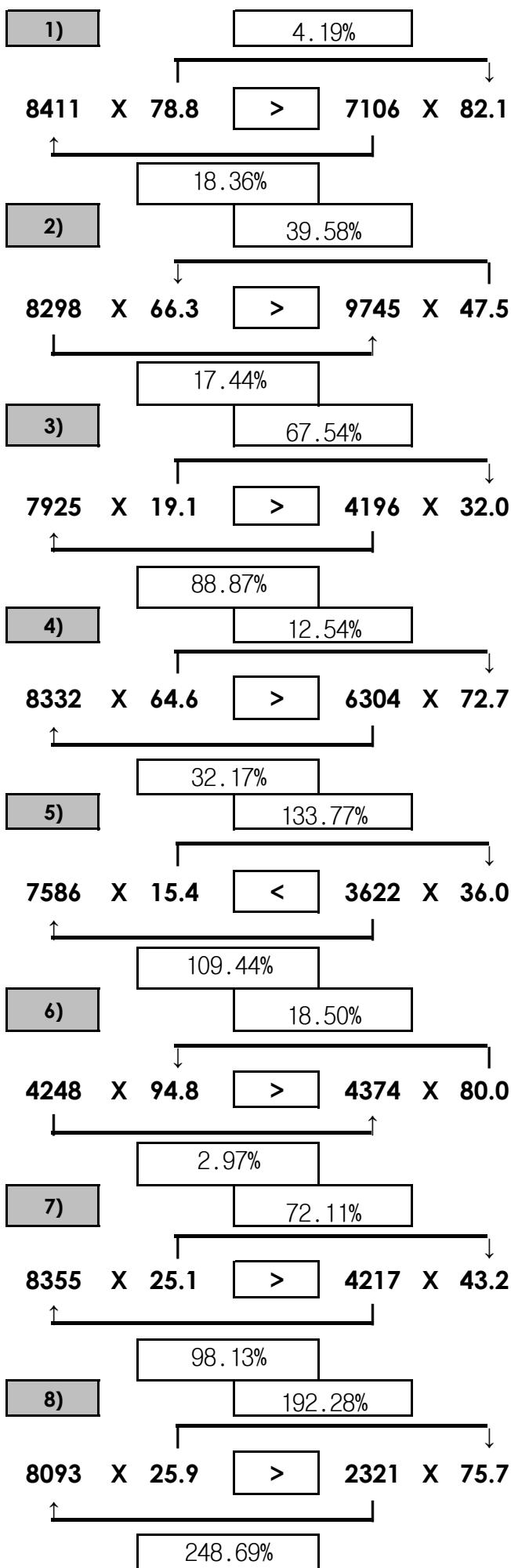
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	254	31.89% ->	335
	182	->	240
	1.396	31.87%	1.396
10)	320	11.11% <-	288
	159	<-	142
	2.013	11.97%	2.028
11)	96	156.25% ->	246
	86	->	218
	1.116	153.49%	1.128
12)	153	57.73% <-	97
	290	<-	195
	0.528	48.72%	0.497
13)	122	9.02% ->	133
	316	->	327
	0.386	3.48%	0.407
14)	103	19.77% <-	86
	88	<-	79
	1.170	11.39%	1.089
15)	165	14.58% <-	144
	333	<-	273
	0.495	21.98%	0.527
16)	322	62.63% <-	198
	213	<-	119
	1.512	78.99%	1.664
17)	260	25.38% ->	326
	132	->	163
	1.970	23.48%	2.000
18)	258	64.33% <-	157
	108	<-	58
	2.389	86.21%	2.707

Vitamin M ultiplication

1) 8411×78.8

>

7106×82.1

2) 8298×66.3

>

9745×47.5

3) 7925×19.1

>

4196×32.0

4) 8332×64.6

>

6304×72.7

5) 7586×15.4

<

3622×36.0

6) 4248×94.8

>

4374×80.0

7) 8355×25.1

>

4217×43.2

8) 8093×25.9

>

2321×75.7

[Click here for a new set of problems](#)

매일 매일 하나씩, 자료해석 비타민 P/20

9) $\frac{254}{182}$

10) $\frac{320}{159}$

11) $\frac{96}{86}$

12) $\frac{153}{290}$

13) $\frac{122}{316}$

14) $\frac{103}{88}$

15) $\frac{165}{333}$

16) $\frac{322}{213}$

17) $\frac{260}{132}$

18) $\frac{258}{108}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

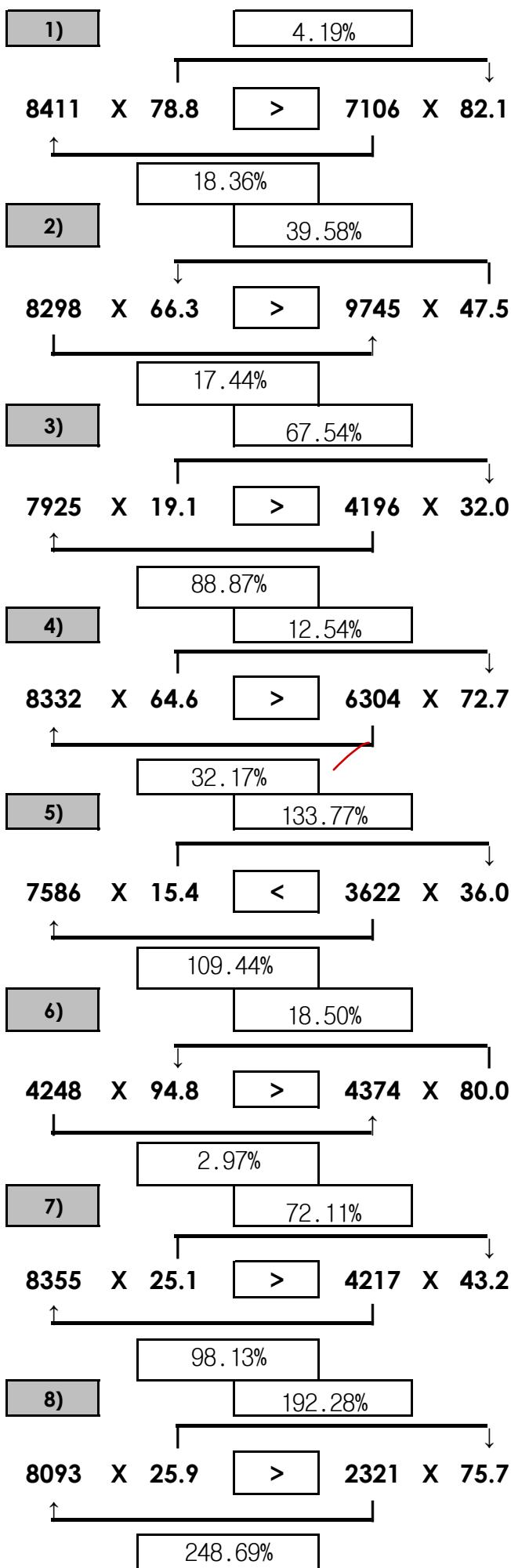
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	254	31.89% ->	335
	182	->	240
	1.396	31.87%	1.396
10)	320	11.11% <-	288
	159	<-	142
	2.013	11.97%	2.028
11)	96	156.25% ->	246
	86	->	218
	1.116	153.49%	1.128
12)	153	57.73% <-	97
	290	<-	195
	0.528	48.72%	0.497
13)	122	9.02% ->	133
	316	->	327
	0.386	3.48%	0.407
14)	103	19.77% <-	86
	88	<-	79
	1.170	11.39%	1.089
15)	165	14.58% <-	144
	333	<-	273
	0.495	21.98%	0.527
16)	322	62.63% <-	198
	213	<-	119
	1.512	78.99%	1.664
17)	260	25.38% ->	326
	132	->	163
	1.970	23.48%	2.000
18)	258	64.33% <-	157
	108	<-	58
	2.389	86.21%	2.707

Vitamin Multiplication

매일 매일 하나씩, 자료해석 비타민

1/2
8/10

264

1)

$$2974 \times 4.3$$



$$4636 \times 3.5$$

•

2)

$$2600 \times 91.1$$



$$7283 \times 40.7$$

•

3)

$$2560 \times 81.2$$



$$9013 \times 29.8$$

•

4)

$$3392 \times 34.6$$



$$1646 \times 89.1$$

•

5)

$$7774 \times 55.2$$



$$5385 \times 94.8$$

•

6)

$$9903 \times 18.3$$



$$3139 \times 66.0$$

•

7)

$$3679 \times 82.8$$

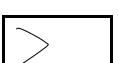


$$4651 \times 75.3$$

•

8)

$$6061 \times 69.1$$



$$4706 \times 78.2$$

•

[Click here for a new set of problems](#)

9)

$$\frac{196}{53}$$

$$\begin{array}{c} > \\ \boxed{} \end{array}$$

$$\frac{212}{59}$$

10)

$$\frac{301}{215}$$

$$\begin{array}{c} > \\ \boxed{} \end{array}$$

$$\frac{213}{172}$$

11)

$$\frac{117}{33}$$

$$\begin{array}{c} < \\ \boxed{} \end{array}$$

$$\frac{214}{58}$$

12)

$$\frac{202}{190}$$

$$\begin{array}{c} > \\ \boxed{} \end{array}$$

$$\frac{154}{77}$$

13)

$$\frac{86}{204}$$

$$\begin{array}{c} < \\ \boxed{} \end{array}$$

$$\frac{48}{99}$$

14)

$$\frac{64}{27}$$

$$\begin{array}{c} > \\ \boxed{} \end{array}$$

$$\frac{62}{29}$$

15)

$$\frac{220}{239}$$

$$\begin{array}{c} > \\ \boxed{} \end{array}$$

$$\frac{291}{322}$$

16)

$$\frac{300}{189}$$

$$\begin{array}{c} > \\ \boxed{} \end{array}$$

$$\frac{292}{187}$$

17)

$$\frac{317}{174}$$

$$\begin{array}{c} < \\ \boxed{} \end{array}$$

$$\frac{153}{78}$$

18)

$$\frac{198}{241}$$

$$\begin{array}{c} < \\ \boxed{} \end{array}$$

$$\frac{313}{341}$$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

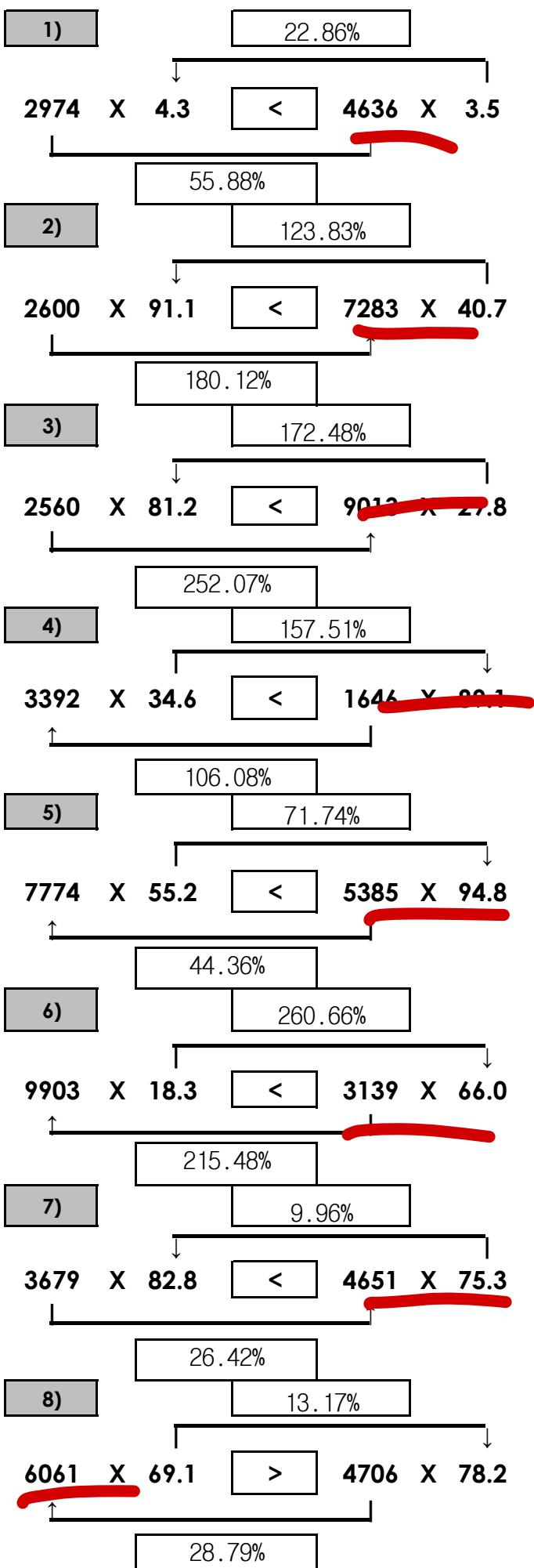
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	196	8.16%	212
	53	->	59
	3.698	->	3.593
10)	301	11.32%	213
	215	<-	172
	1.400	<-	1.238
11)	117	25.00%	214
	33	->	58
	3.545	->	3.690
12)	101	82.91%	77
	190	<-	133
	0.532	<-	0.579
13)	86	31.17%	48
	204	<-	99
	0.422	<-	0.485
14)	64	79.17%	62
	27	->	29
	2.370	->	2.138
15)	220	3.23%	291
	239	->	322
	0.921	->	0.904
16)	300	32.27%	292
	189	<-	187
	1.587	<-	1.561
17)	317	2.74%	153
	174	<-	78
	1.822	<-	1.962
18)	198	107.19%	313
	241	->	341
	0.822	->	0.918

1/28
1/10

Vitamin M

Multiplication
02:54

1)
 2250×57.4



9083×17.3

2)
 2307×97.4



8763×31.0

3)
 2454×64.5



4871×40.0

4)
 8308×14.2



1038×97.6

5)
 3076×50.4



2257×58.4

6)
 2553×39.2



1316×94.0

7)
 9659×45.0



6892×83.3

8)
 5955×50.8



8182×45.9

[Click here for a new set of problems](#)

매일 매일 하나씩, 자료해석 비타민

0/30

0/11

9)
 $\begin{array}{r} 185 \\ \hline 211 \end{array}$

$\frac{199}{217}$

10)
 $\begin{array}{r} 296 \\ \hline 203 \end{array}$

$\frac{332}{237}$

11)
 $\begin{array}{r} 275 \\ \hline 281 \end{array}$

$\frac{296}{330}$

12)
 $\begin{array}{r} 184 \\ \hline 102 \end{array}$

$\frac{278}{138}$

13)
 $\begin{array}{r} 332 \\ \hline 262 \end{array}$

$\frac{66}{52}$ 260

14)
 $\begin{array}{r} 277 \\ \hline 334 \end{array}$

$\frac{213}{268}$

15)
 $\begin{array}{r} 127 \\ \hline 198 \end{array}$

$\frac{215}{318}$

16)
 $\begin{array}{r} 264 \\ \hline 256 \end{array}$

$\frac{304}{265}$

17)
 $\begin{array}{r} 29 \\ \hline 237 \end{array}$

$\frac{32}{231}$

18)
 $\begin{array}{r} 168 \\ \hline 93 \end{array}$

$\frac{310}{194}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

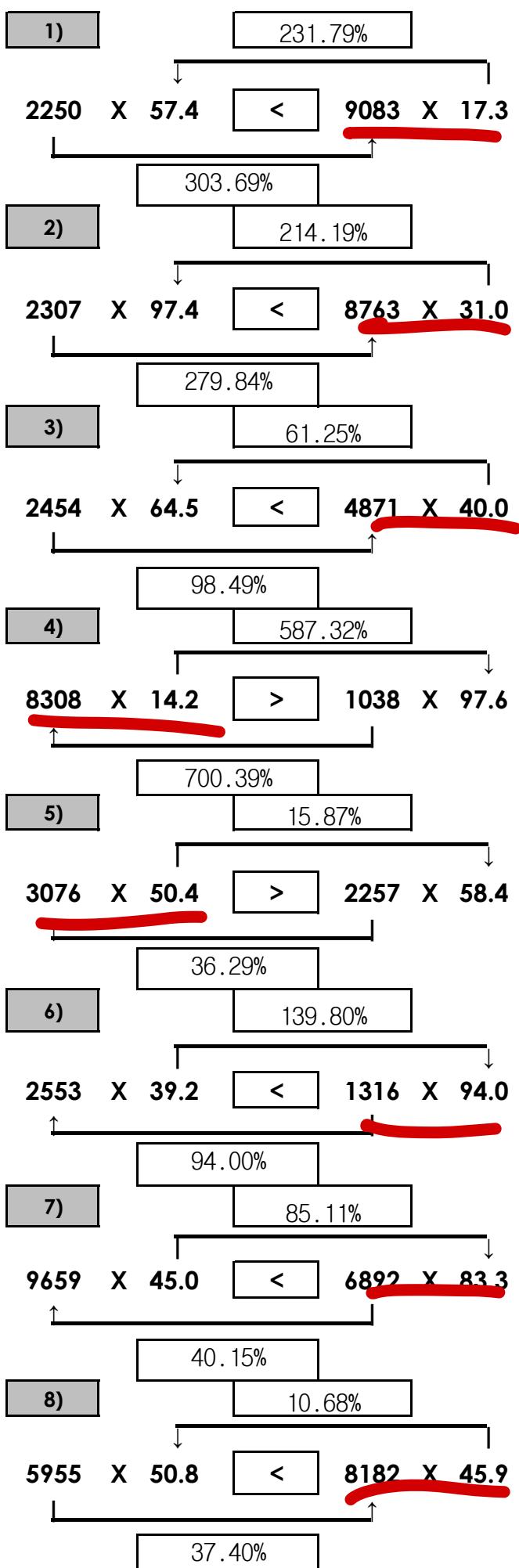
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

2/11

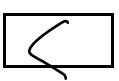
2/30

Vitamin Multiplication

21) ~

1)

$$6448 \times 68.7$$



$$5271 \times 99.3$$

2)

$$4524 \times 96.3$$



$$8491 \times 64.2$$

3)

$$7513 \times 48.1$$



$$6645 \times 63.6$$

4)

$$4183 \times 94.1$$



$$7898 \times 61.1$$

5)

$$7613 \times 64.7$$



$$7760 \times 53.3$$

6)

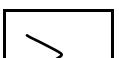
$$3388 \times 48.7$$



$$2195 \times 99.6$$

7)

$$8505 \times 69.1$$



$$5594 \times 90.1$$

8)

$$2932 \times 74.6$$



$$4000 \times 64.4$$

매일 매일 하나씩, 자료해석 비타민

1/1
10/1

9)

$$\begin{array}{r} 223 \\ \times 205 \\ \hline 292 \end{array}$$



$$\begin{array}{r} 205 \\ \times 280 \\ \hline 292 \end{array}$$

10)

$$\begin{array}{r} 140 \\ \times 300 \\ \hline 122 \end{array}$$



$$\begin{array}{r} 300 \\ \times 237 \\ \hline 122 \end{array}$$

11)

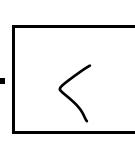
$$\begin{array}{r} 168 \\ \times 131 \\ \hline 95 \end{array}$$



$$\begin{array}{r} 131 \\ \times 82 \\ \hline 95 \end{array}$$

12)

$$\begin{array}{r} 157 \\ \times 290 \\ \hline 98 \end{array}$$



$$\begin{array}{r} 290 \\ \times 181 \\ \hline 98 \end{array}$$

13)

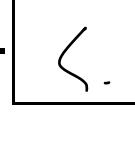
$$\begin{array}{r} 134 \\ \times 170 \\ \hline 292 \end{array}$$



$$\begin{array}{r} 170 \\ \times 320 \\ \hline 292 \end{array}$$

14)

$$\begin{array}{r} 140 \\ \times 204 \\ \hline 249 \end{array}$$



$$\begin{array}{r} 204 \\ \times 337 \\ \hline 249 \end{array}$$

15)

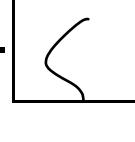
$$\begin{array}{r} 129 \\ \times 211 \\ \hline 209 \end{array}$$



$$\begin{array}{r} 211 \\ \times 327 \\ \hline 209 \end{array}$$

16)

$$\begin{array}{r} 148 \\ \times 263 \\ \hline 186 \end{array}$$



$$\begin{array}{r} 263 \\ \times 306 \\ \hline 186 \end{array}$$

17)

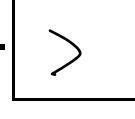
$$\begin{array}{r} 247 \\ \times 288 \\ \hline 145 \end{array}$$



$$\begin{array}{r} 288 \\ \times 191 \\ \hline 145 \end{array}$$

18)

$$\begin{array}{r} 205 \\ \times 146 \\ \hline 342 \end{array}$$



$$\begin{array}{r} 146 \\ \times 268 \\ \hline 342 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

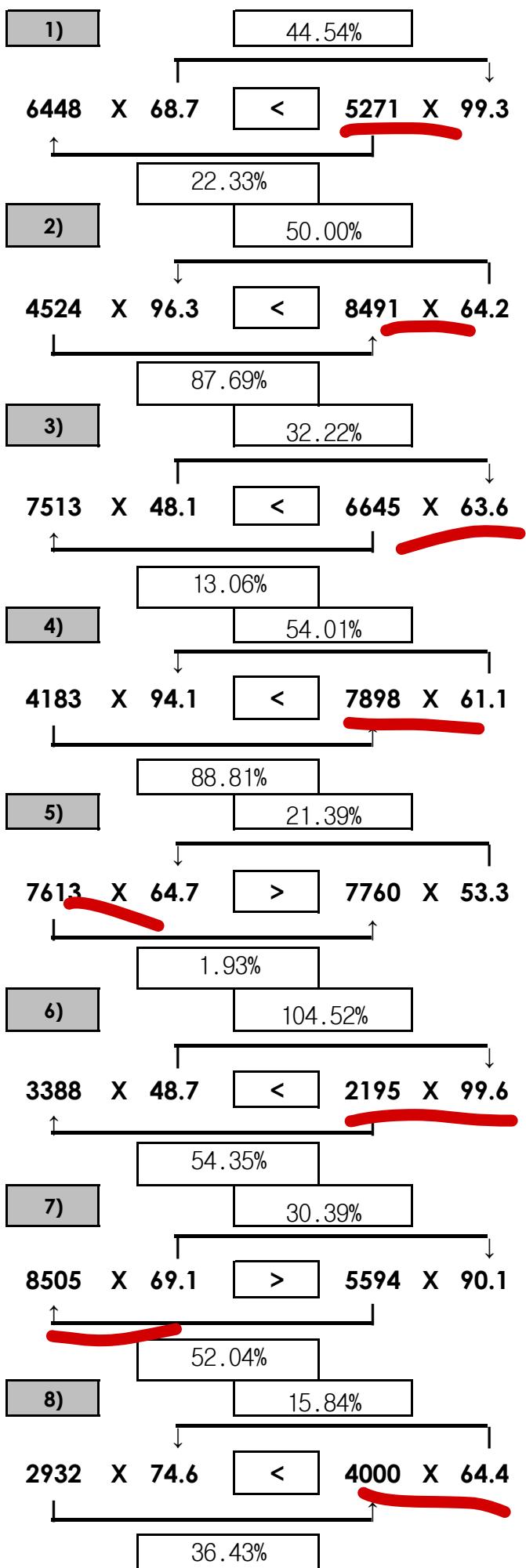
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민 $\frac{1}{10}$

9)	223 292 0.764	8.78% <- <- 4.29%	205 280 0.732
10)	140 122 1.148	114.29% -> -> 94.26%	300 237 1.266
11)	168 95 1.768	28.24% <- <- 15.85%	131 82 1.598
12)	157 98 1.602	84.71% -> -> 84.69%	290 181 1.602
13)	134 292 0.459	26.87% -> -> 9.59%	170 320 0.531
14)	140 249 0.562	45.71% -> -> 35.34%	204 337 0.605
15)	129 209 0.617	63.57% -> -> 56.46%	211 327 0.645
16)	148 186 0.796	77.70% -> -> 64.52%	263 306 0.859
17)	247 145 1.703	16.60% -> -> 31.72%	288 191 1.508
18)	205 342 0.599	40.41% <- <- 27.61%	146 268 0.545

Vitamin Multiplication

8:37

1)

$$6110 \times 71.7$$



$$3833 \times 98.5$$

2)

$$8894 \times 66.0$$



$$6957 \times 99.2$$

3)

$$6847 \times 89.8$$



$$7005 \times 75.6$$

4)

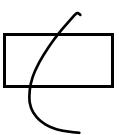
$$9486 \times 28.6$$



$$7402 \times 32.4$$

5)

$$6355 \times 50.0$$



$$6077 \times 58.5$$

6)

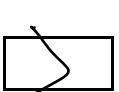
$$8969 \times 86.6$$



$$7288 \times 91.9$$

7)

$$6443 \times 44.1$$



$$4137 \times 61.0$$

8)

$$5104 \times 39.6$$



$$8113 \times 20.8$$

[Click here for a new set of problems](#)

매일 매일 하나씩, 자료해석 비타민

8/17

9)

$$\begin{array}{r} 216 \\ \times 169 \\ \hline 169 \\ 216 \\ \hline 333 \\ 285 \end{array}$$

1~

10)

$$\begin{array}{r} 221 \\ \times 298 \\ \hline 298 \\ 221 \\ \hline 98 \\ 244 \end{array}$$

186
244

11)

$$\begin{array}{r} 328 \\ \times 144 \\ \hline 144 \\ 328 \\ \hline 309 \\ 154 \end{array}$$

~

12)

$$\begin{array}{r} 205 \\ \times 160 \\ \hline 160 \\ 205 \\ \hline 327 \\ 243 \end{array}$$

~

13)

$$\begin{array}{r} 287 \\ \times 120 \\ \hline 120 \\ 287 \\ \hline 319 \\ 141 \end{array}$$

~

14)

$$\begin{array}{r} 43 \\ \times 158 \\ \hline 158 \\ 43 \\ \hline 99 \\ 166 \end{array}$$

~

15)

$$\begin{array}{r} 317 \\ \times 217 \\ \hline 217 \\ 317 \\ \hline 304 \\ 197 \end{array}$$

~

16)

$$\begin{array}{r} 77 \\ \times 198 \\ \hline 198 \\ 77 \\ \hline 83 \\ 194 \end{array}$$

~

17)

$$\begin{array}{r} 266 \\ \times 314 \\ \hline 314 \\ 266 \\ \hline 264 \\ 313 \end{array}$$

~

18)

$$\begin{array}{r} 232 \\ \times 340 \\ \hline 340 \\ 232 \\ \hline 252 \\ 319 \end{array}$$

~

4'00"~ : Need Work

3'30"~4'00" : Acceptable

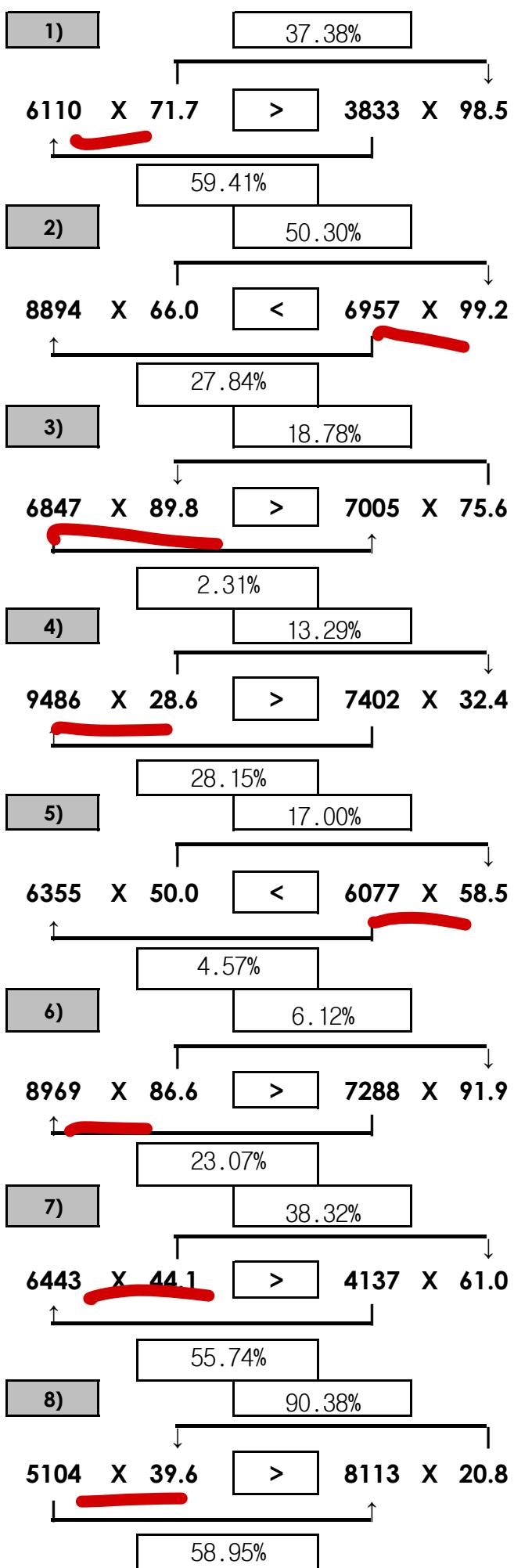
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	216 169 1.278	54.17% -> -> 68.64%	<u>333</u> <u>285</u> 1.168
10)	221 298 0.742	125.51% <- <- 144.26%	<u>98</u> <u>122</u> 0.803
11)	328 144 2.278	6.15% <- -> 6.94%	<u>309</u> <u>154</u> 2.006
12)	205 160 1.281	59.51% -> -> 51.88%	<u>327</u> <u>243</u> 1.346
13)	287 120 2.392	11.15% -> -> 17.50%	<u>319</u> <u>141</u> 2.262
14)	43 79 0.544	130.23% -> -> 110.13%	<u>99</u> <u>166</u> 0.596
15)	317 217 1.461	4.28% <- <- 10.15%	<u>304</u> <u>197</u> 1.543
16)	77 198 0.389	7.79% -> <- 2.06%	<u>83</u> <u>194</u> 0.428
17)	266 314 0.847	0.76% <- <- 0.32%	<u>264</u> <u>313</u> 0.843
18)	232 340 0.682	8.62% -> <- 6.58%	<u>252</u> <u>319</u> 0.790

8/17
10/2

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

1/14
}

1) 6554×31.5 3782×47.2

2) 9347×22.8 3524×75.3

3) 2796×42.8 2035×76.3

4) 5662×96.3 8684×70.5

5) 2652×96.3 6366×49.7

6) 7579×41.9 3984×88.9

7) 2683×30.5 1254×53.3

8) 6100×35.2 4408×62.9

[Click here for a new set of problems](#)

9) $\begin{array}{r} 92 \\ \times 260 \\ \hline \end{array}$ $\begin{array}{r} 70 \\ \times 207 \\ \hline \end{array}$

10) $\begin{array}{r} 261 \\ \times 204 \\ \hline \end{array}$ $\begin{array}{r} 220 \\ \times 151 \\ \hline \end{array}$

11) $\begin{array}{r} 216 \\ \times 264 \\ \hline \end{array}$ $\begin{array}{r} 268 \\ \times 319 \\ \hline \end{array}$

12) $\begin{array}{r} 175 \\ \times 256 \\ \hline \end{array}$ $\begin{array}{r} 101 \\ \times 146 \\ \hline \end{array}$

13) $\begin{array}{r} 188 \\ \times 133 \\ \hline \end{array}$ $\begin{array}{r} 141 \\ \times 97 \\ \hline \end{array}$

14) $\begin{array}{r} 25 \\ \times 87 \\ \hline \end{array}$ $\begin{array}{r} 53 \\ \times 207 \\ \hline \end{array}$

15) $\begin{array}{r} 150 \\ \times 248 \\ \hline \end{array}$ $\begin{array}{r} 120 \\ \times 189 \\ \hline \end{array}$

16) $\begin{array}{r} 152 \\ \times 24 \\ \hline \end{array}$ $\begin{array}{r} 285 \\ \times 47 \\ \hline \end{array}$

17) $\begin{array}{r} 64 \\ \times 171 \\ \hline \end{array}$ $\begin{array}{r} 118 \\ \times 315 \\ \hline \end{array}$

18) $\begin{array}{r} 178 \\ \times 105 \\ \hline \end{array}$ $\begin{array}{r} 143 \\ \times 84 \\ \hline \end{array}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

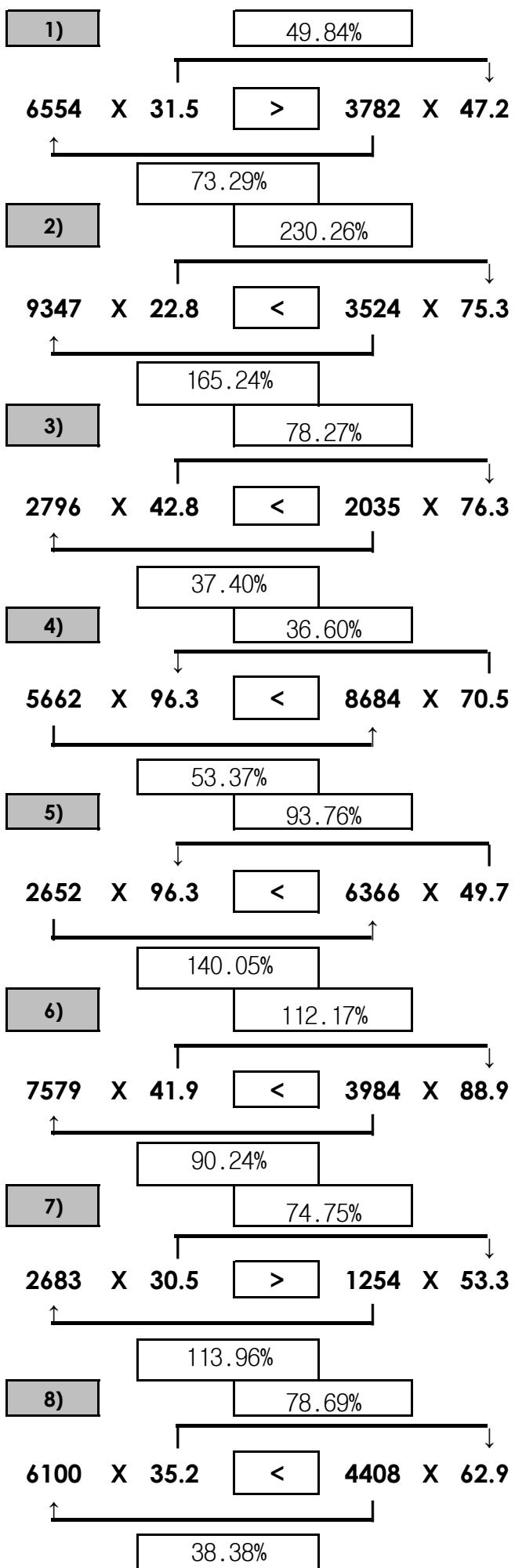
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민 8/14

9)	92	31.43%	70
	260	<-	207
	0.354	<-	0.338
10)	261	18.64%	220
	204	<-	151
	1.279	35.10%	1.457
11)	216	24.07%	268
	264	->	319
	0.818	->	0.840
12)	175	73.27%	101
	256	<-	146
	0.684	75.34%	0.692
13)	188	33.33%	141
	133	<-	97
	1.414	37.11%	1.454
14)	25	112.00%	53
	87	->	207
	0.287	->	0.256
15)	150	25.00%	120
	248	<-	189
	0.605	31.22%	0.635
16)	152	87.50%	285
	24	->	47
	6.333	->	6.064
17)	64	84.38%	118
	171	->	315
	0.374	->	0.375
18)	178	24.48%	143
	105	<-	84
	1.695	<-	1.702
		25.00%	

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

5/15

1)

$$5458 \times 89.5$$

$$6057 \times 71.2$$

2)

$$1916 \times 90.7$$

$$5276 \times 40.9$$

3)

$$10066 \times 2.0$$

$$1626 \times 14.9$$

4)

$$7485 \times 48.2$$

$$10103 \times 47.0$$

5)

$$2150 \times 13.2$$

$$6874 \times 3.5$$

6)

$$4206 \times 89.6$$

$$9072 \times 47.9$$

7)

$$3427 \times 69.2$$

$$7136 \times 37.6$$

8)

$$2422 \times 68.2$$

$$3724 \times 55.8$$

9)

$$\begin{array}{r} 325 \\ 342 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ 231 \\ \hline 256 \end{array}$$

4

10)

$$\begin{array}{r} 266 \\ 199 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ 284 \\ \hline 223 \end{array}$$

11)

$$\begin{array}{r} 195 \\ 129 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ 268 \\ \hline 201 \end{array}$$

12)

$$\begin{array}{r} 196 \\ 240 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ 91 \\ \hline 102 \end{array}$$

13)

$$\begin{array}{r} 116 \\ 343 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ 107 \\ \hline 322 \end{array}$$

14)

$$\begin{array}{r} 164 \\ 227 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ 208 \\ \hline 266 \end{array}$$

15)

$$\begin{array}{r} 279 \\ 44 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ 107 \\ \hline 18 \end{array}$$

16)

$$\begin{array}{r} 275 \\ 219 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ 170 \\ \hline 152 \end{array}$$

17)

$$\begin{array}{r} 99 \\ 140 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ 153 \\ \hline 216 \end{array}$$

18)

$$\begin{array}{r} 250 \\ 157 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{} \\ 109 \\ \hline 75 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

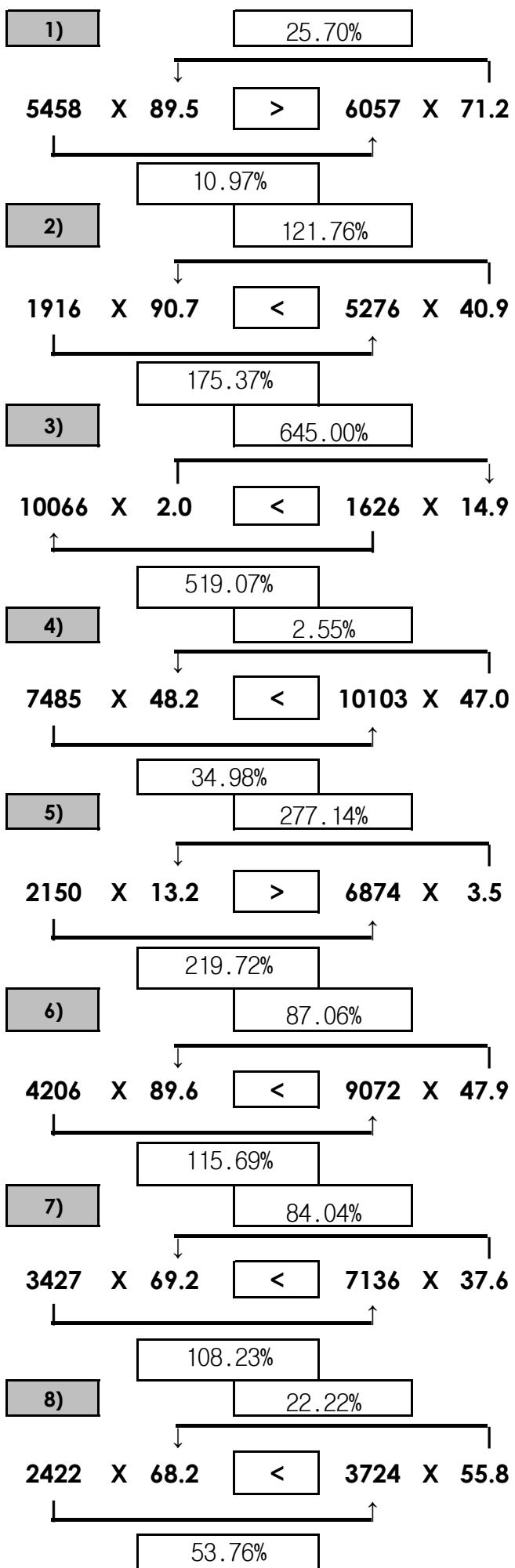
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

Table showing 18 rows of data, each consisting of a number (e.g., 325), a percentage difference, a comparison operator (<- or ->), and a result value.

9)	325	40.69%	<-	231
	342	<-	256	4
	0.950	33.59%	0.902	
10)	266	6.77%	->	284
	199	->	223	
	1.337	12.06%	1.274	
11)	195	37.44%	->	268
	129	->	201	
	1.512	55.81%	1.333	
12)	196	115.38%	<-	91
	240	<-	102	
	0.817	135.29%	0.892	
13)	116	8.41%	<-	107
	343	<-	322	
	0.338	6.52%	0.332	
14)	164	26.83%	->	208
	227	->	266	
	0.722	17.18%	0.782	
15)	279	160.75%	<-	107
	44	<-	18	
	6.341	144.44%	5.944	
16)	275	61.76%	<-	170
	219	<-	152	
	1.256	44.08%	1.118	
17)	99	54.55%	->	153
	140	->	216	
	0.707	54.29%	0.708	
18)	250	129.36%	<-	109
	157	<-	75	
	1.592	109.33%	1.453	

Vitamin Multiplication

매일 매일 하나씩, 자료해석 비타민

8/16
5

/: 44.

- 1) 3722×4.0 3898×3.2
- 2) 5032×95.8 7359×54.4
- 3) 3881×87.8 8447×45.2
- 4) 7673×28.4 4051×64.3
- 5) 8643×42.0 5044×58.8
- 6) 5751×33.5 3819×56.8
- 7) 5324×16.7 2060×57.3
- 8) 8019×31.7 4620×63.3

[Click here for a new set of problems](#)

- 9) $\frac{128}{242}$ $\frac{190}{316}$
- 10) $\frac{147}{177}$ $\frac{157}{182}$
- 11) $\frac{107}{45}$ $\frac{64}{25}$
- 12) $\frac{188}{247}$ $\frac{125}{168}$ 61.5 187.5
84 2
- 13) $\frac{90}{104}$ $\frac{274}{304}$
- 14) $\frac{131}{105}$ $\frac{240}{177}$
- 15) $\frac{317}{104}$ $\frac{320}{114}$
- 16) $\frac{205}{141}$ $\frac{105}{71}$
- 17) $\frac{229}{148}$ $\frac{258}{173}$
- 18) $\frac{58}{71}$ $\frac{180}{249}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

2'30"~3'00" : good

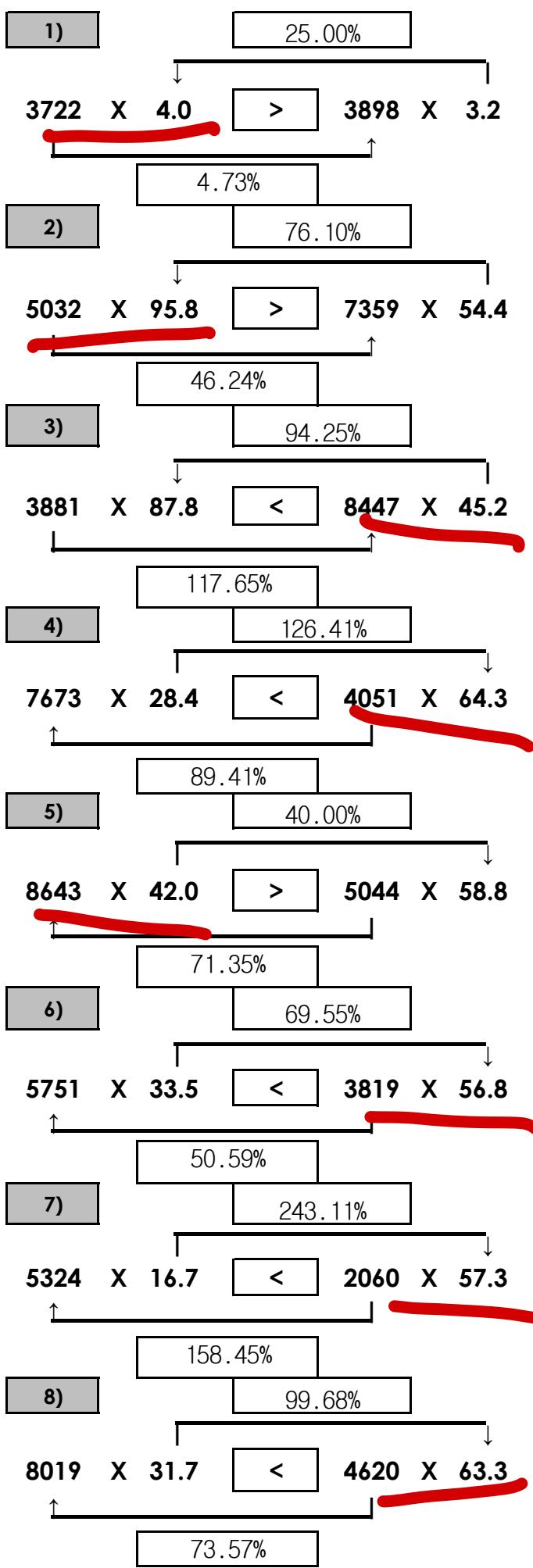
2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication

매일 매일 하나씩, 자료해석 비타민 1/16

5



9)	128	48.44% -> ->	190
	242	0.529	316
10)	147	30.58% 6.80% -> ->	157
	177	0.831	182
11)	107	2.82% 67.19% <- <-	64
	45	2.378	25
12)	188	80.00% 50.40% <- <-	125
	247	0.761	168
13)	90	47.02% 204.44% -> ->	274
	104	0.865	304
14)	131	192.31% 83.21% -> ->	240
	105	1.248	177
15)	317	68.57% 0.95% -> ->	320
	104	3.048	114
16)	205	9.62% 95.24% <- <-	105
	141	1.454	71
17)	229	98.59% 12.66% -> ->	258
	148	1.547	173
18)	58	16.89% 210.34% -> ->	180
	71	0.817	249
		250.70%	0.723

Vitamin M

Multiplication
2 : ↗

1)

$$2291 \times 89.8$$



$$6627 \times 38.4$$



2)

$$4785 \times 99.8$$



$$5390 \times 74.5$$



3)

$$10043 \times 22.7$$

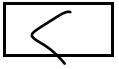


$$2861 \times 66.6$$



4)

$$2696 \times 71.4$$



$$3645 \times 69.2$$



5)

$$8894 \times 51.7$$



$$7557 \times 52.2$$



6)

$$5706 \times 5.2$$

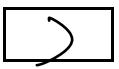


$$9634 \times 4.1$$



7)

$$6630 \times 70.4$$



$$6870 \times 56.8$$



8)

$$9025 \times 13.8$$



$$5664 \times 19.4$$



[Click here for a new set of problems](#)

매일 매일 하나씩, 자료해석 비타민

8/17
16/6

9)

$$\begin{array}{r} 189 \\ 259 \\ \hline \end{array}$$



$$\begin{array}{r} 121 \\ 160 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 71 \\ 75 \\ \hline \end{array}$$



$$\begin{array}{r} 42 \\ 50 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 327 \\ 332 \\ \hline \end{array}$$



$$\begin{array}{r} 185 \\ 205 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 113 \\ 133 \\ \hline \end{array}$$



$$\begin{array}{r} 233 \\ 293 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 289 \\ 331 \\ \hline \end{array}$$



$$\begin{array}{r} 291 \\ 326 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 160 \\ 141 \\ \hline \end{array}$$



$$\begin{array}{r} 261 \\ 226 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 270 \\ 204 \\ \hline \end{array}$$



$$\begin{array}{r} 57 \\ 49 \\ \hline \end{array}$$

16)

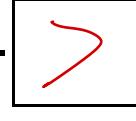
$$\begin{array}{r} 117 \\ 311 \\ \hline \end{array}$$



$$\begin{array}{r} 125 \\ 336 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 257 \\ 40 \\ \hline \end{array}$$



$$\begin{array}{r} 328 \\ 58 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 10 \\ 339 \\ \hline \end{array}$$



$$\begin{array}{r} 7 \\ 217 \\ \hline \end{array}$$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

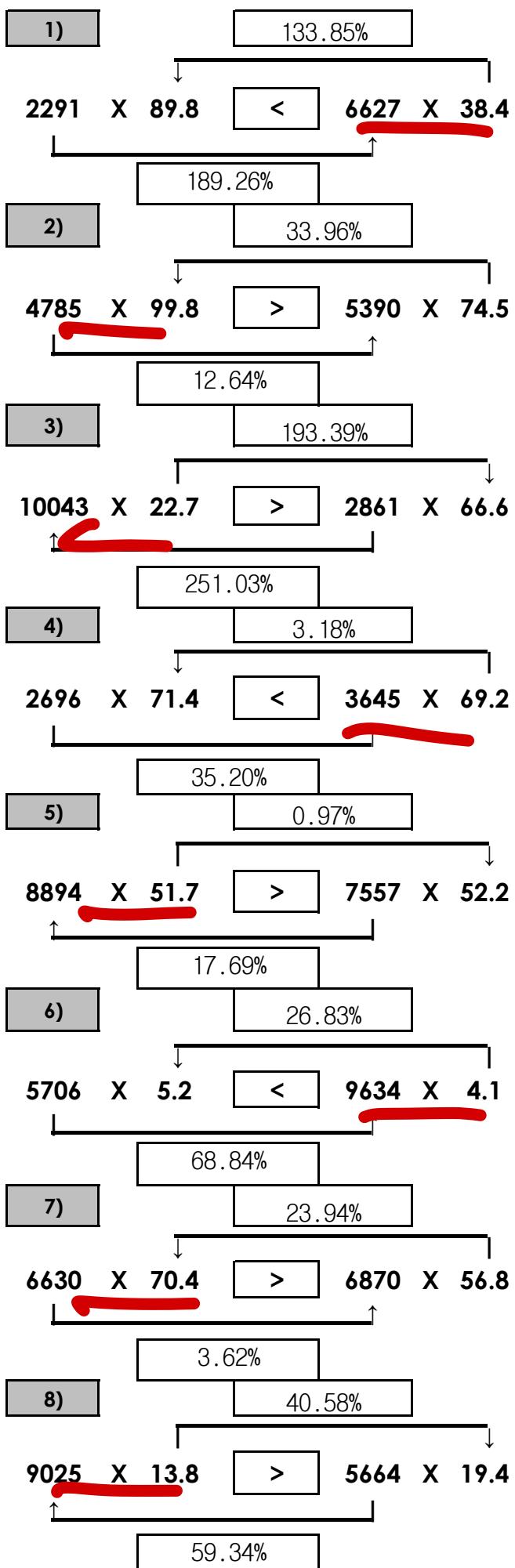
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	189	56.20% <- <- 0.730	121
	259	61.88%	160
10)	71	69.05% <- <- 0.947	42
	75	50.00%	50
11)	327	76.76% <- <- 0.985	185
	332	61.95%	205
12)	113	106.19% -> -> 0.850	233
	133	120.30%	293
13)	289	0.69% -> -< 0.873	291
	331	1.53%	326
14)	160	63.13% -> -> 1.135	261
	141	60.28%	226
15)	270	373.68% <- -< 1.324	57
	204	316.33%	49
16)	117	6.84% -> -> 0.376	125
	311	8.04%	336
17)	257	27.63% -> -> 6.425	328
	40	45.00%	58
18)	10	42.86% <- <- 0.029	7
	339	56.22%	217
			0.032

8/19
10/1

Vitamin Multiplication

매일 매일 하나씩, 자료해석 비타민

10/1

2:10

1) 7355×58.6 > 8240×42.8

2) 2207×96.4 > 5513×33.2

3) 9649×68.1 > 6173×89.1

4) 8041×24.6 < 6594×36.6

5) 6009×62.6 > 6401×50.1

6) 8435×16.8 > 1567×80.2

7) 1212×39.2 < 2568×20.8

8) 9088×35.4 > 4099×67.2

9) $\frac{312}{255}$ < $\frac{39}{29}$

10) $\frac{98}{82}$ < $\frac{257}{188}$

11) $\frac{302}{217}$ > $\frac{275}{202}$

12) $\frac{333}{336}$ > $\frac{28}{29}$

13) $\frac{95}{\cancel{285} \cancel{384}}$ < $\frac{261}{340}$

14) $\frac{173}{129}$ < $\frac{297}{197}$

15) $\frac{327}{111}$ > $\frac{272}{93}$

16) $\frac{216}{253}$ > $\frac{165}{203}$

17) $\frac{219}{273}$ > $\frac{266}{336}$

18) $\frac{192}{102}$ > $\frac{286}{169}$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

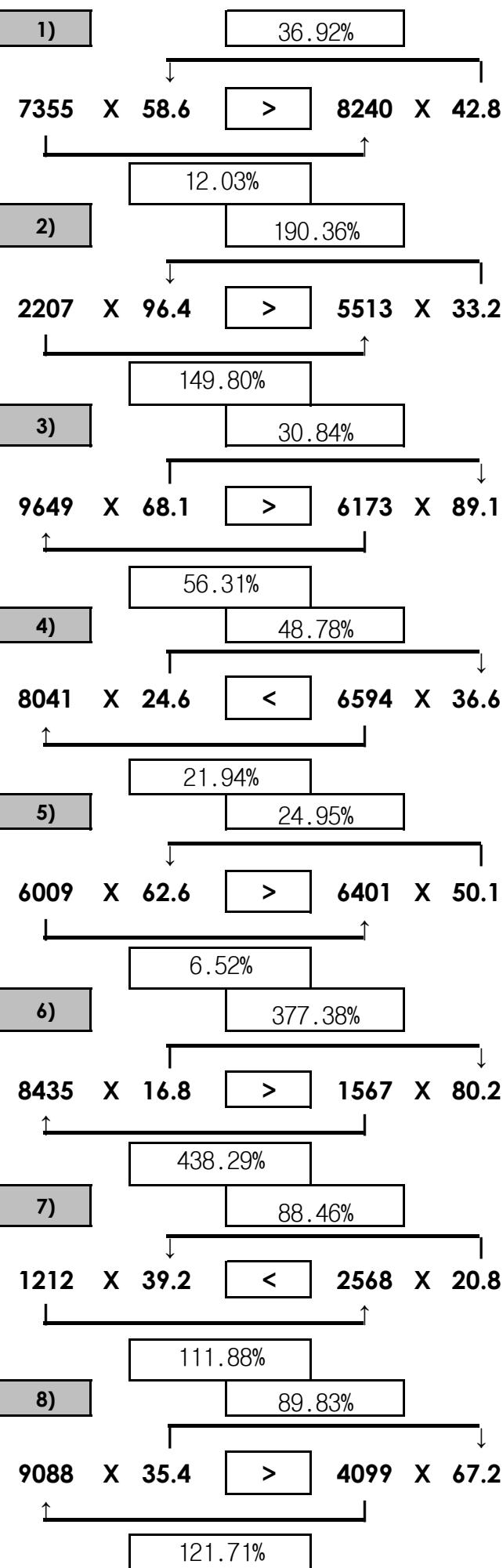
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	312 255 1.224	700.00% <- <- 779.31%	39 29 1.345
10)	98 82 1.195	162.24% -> -> 129.27%	257 188 1.367
11)	302 217 1.392	9.82% <- <- 7.43%	275 202 1.361
12)	333 336 0.991	1089.29% <- <- 1058.62%	28 29 0.966
13)	95 128 0.742	174.74% -> -> 165.63%	261 340 0.768
14)	173 129 1.341	71.68% -> -> 52.71%	297 197 1.508
15)	327 111 2.946	20.22% <- <- 19.35%	272 93 2.925
16)	216 253 0.854	30.91% <- <- 24.63%	165 203 0.813
17)	219 273 0.802	21.46% -> -> 23.08%	266 336 0.792
18)	192 102 1.882	48.96% -> -> 65.69%	286 169 1.692

10/9

Vitamin M

Multiplication

2 : //

매일 매일 하나씩, 자료해석 비타민

19/8

1)

$$2408 \times 87.0$$



$$4217 \times 43.4$$

2)

$$7116 \times 22.0$$



$$3847 \times 48.9$$

3)

$$6635 \times 62.2$$



$$4331 \times 82.0$$

4)

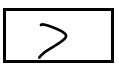
$$9045 \times 19.8$$



$$2885 \times 81.7$$

5)

$$7345 \times 61.8$$



$$7446 \times 51.7$$

6)

$$4186 \times 76.9$$



$$4361 \times 64.7$$

7)

$$2687 \times 18.3$$



$$4471 \times 9.6$$

8)

$$3664 \times 21.0$$



$$3724 \times 17.3$$

9)

$$\begin{array}{r} 137 \\ \hline 156 \\ \hline \end{array}$$

$$\begin{array}{r} < \\ 209 \\ \hline 234 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 110 \\ \hline 235 \\ \hline \end{array}$$

$$\begin{array}{r} < \\ 67 \\ \hline 128 \\ \hline 156 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 41 \\ \hline 18 \\ \hline \end{array}$$

$$\begin{array}{r} < \\ 153 \\ \hline 60 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 166 \\ \hline 256 \\ \hline \end{array}$$

$$\begin{array}{r} > \\ 182 \\ \hline 319 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 84 \\ \hline 139 \\ \hline \end{array}$$

$$\begin{array}{r} > \\ 125 \\ \hline 222 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 75 \\ \hline 83 \\ \hline \end{array}$$

$$\begin{array}{r} ? \\ 205 \\ \hline 246 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 79 \\ \hline 169 \\ \hline \end{array}$$

$$\begin{array}{r} < \\ 152 \\ \hline 291 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 141 \\ \hline 215 \\ \hline \end{array}$$

$$\begin{array}{r} > \\ 71 \\ \hline 115 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 283 \\ \hline 249 \\ \hline \end{array}$$

$$\begin{array}{r} > \\ 165 \\ \hline 152 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 13 \\ \hline 80 \\ \hline \end{array}$$

$$\begin{array}{r} < \\ 36 \\ \hline 201 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

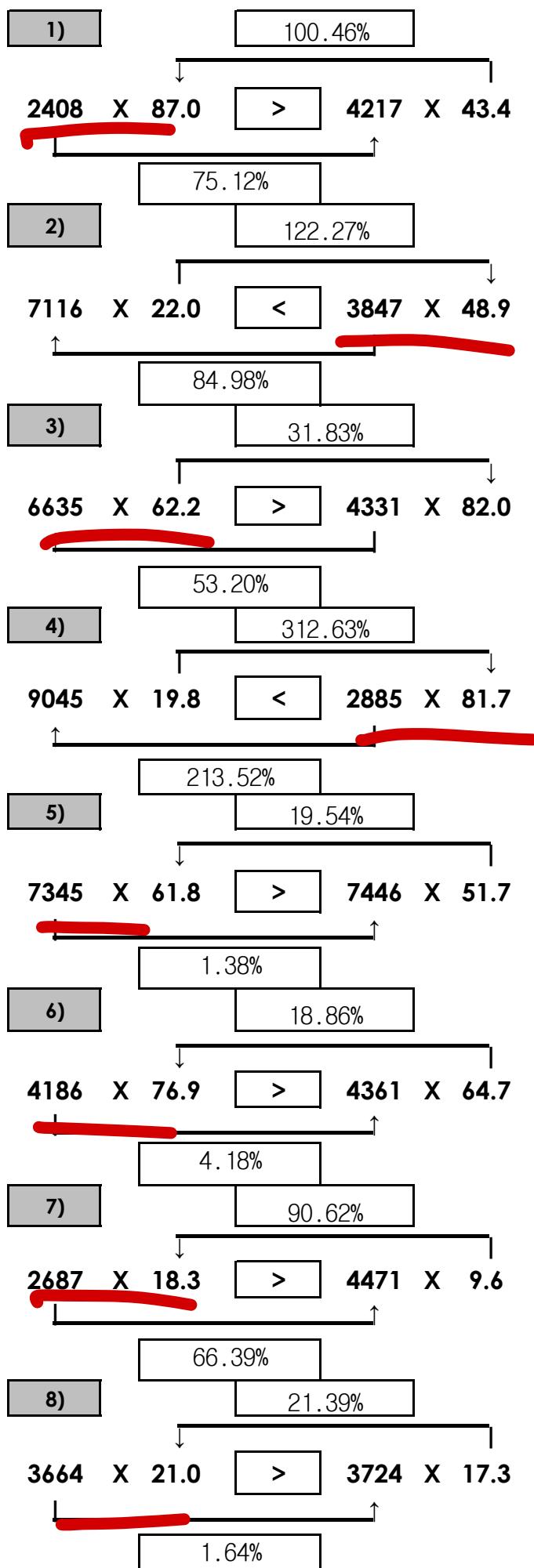
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication

10/8



매일 매일 하나씩, 자료해석 비타민

9)	137	52.55% ->	209
	156	->	234
	0.878	50.00%	0.893
10)	110	64.18% <-	67
	235	<-	128
	0.468	83.59%	0.523
11)	41	273.17% ->	153
	18	->	60
	2.278	233.33%	2.550
12)	166	9.64% ->	182
	256	->	319
	0.648	24.61%	0.571
13)	84	48.81% ->	125
	139	->	222
	0.604	59.71%	0.563
14)	75	173.33% ->	205
	83	->	246
	0.904	196.39%	0.833
15)	79	92.41% ->	152
	169	->	291
	0.467	72.19%	0.522
16)	141	98.59% <-	71
	215	<-	115
	0.656	86.96%	0.617
17)	283	71.52% <-	165
	249	<-	152
	1.137	63.82%	1.086
18)	13	176.92% ->	36
	80	->	201
	0.163	151.25%	0.179

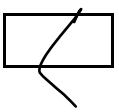
Vitamin M

Multiplication

2 : 43

1)

$$4809 \times 55.4$$



$$7174 \times 42.9$$

2)

$$1910 \times 44.1$$



$$3723 \times 27.3$$

3)

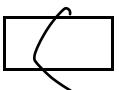
$$1765 \times 67.1$$



$$2069 \times 50.6$$

4)

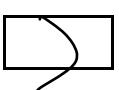
$$10073 \times 24.9$$



$$6198 \times 48.6$$

5)

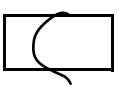
$$8834 \times 95.8$$



$$8868 \times 80.1$$

6)

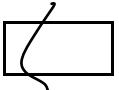
$$5054 \times 14.6$$



$$1358 \times 64.5$$

7)

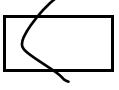
$$6708 \times 25.0$$



$$8966 \times 24.8$$

8)

$$6729 \times 18.2$$



$$3345 \times 46.1$$

매일 매일 하나씩, 자료해석 비타민 19/P

9)

$$\begin{array}{r} 88 \\ \times 2 \\ \hline 182 \end{array}$$

$$\begin{array}{r} < \\ \boxed{} \\ \hline 156 \\ 309 \end{array}$$

10)

$$\begin{array}{r} 166 \\ \times 2 \\ \hline 271 \end{array}$$

$$\begin{array}{r} > \\ \boxed{} \\ \hline 174 \\ 319 \end{array}$$

11)

$$\begin{array}{r} 116 \\ \times 4 \\ \hline 42 \end{array}$$

$$\begin{array}{r} < \\ \boxed{} \\ \hline 331 \\ 107 \end{array}$$

12)

$$\begin{array}{r} 70 \\ \times 1 \\ \hline 103 \end{array}$$

$$\begin{array}{r} < \\ \boxed{} \\ \hline 130 \\ 177 \end{array}$$

13)

$$\begin{array}{r} 207 \\ \times 1 \\ \hline 178 \end{array}$$

$$\begin{array}{r} < \\ \boxed{} \\ \hline 201 \\ 171 \end{array}$$

14)

$$\begin{array}{r} 166 \\ \times 2 \\ \hline 257 \end{array}$$

$$\begin{array}{r} < \\ \boxed{} \\ \hline 88 \\ 132 \\ 116 \\ 264 \end{array}$$

15)

$$\begin{array}{r} 243 \\ \times 2 \\ \hline 287 \end{array}$$

$$\begin{array}{r} < \\ \boxed{} \\ \hline 301 \\ 332 \end{array}$$

16)

$$\begin{array}{r} 161 \\ \times 5 \\ \hline 54 \end{array}$$

$$\begin{array}{r} < \\ \boxed{} \\ \hline 275 \\ 87 \end{array}$$

17)

$$\begin{array}{r} 124 \\ \times 3 \\ \hline 321 \end{array}$$

$$\begin{array}{r} < \\ \boxed{} \\ \hline 88 \\ 221 \end{array}$$

18)

$$\begin{array}{r} 217 \\ \times 5 \\ \hline 59 \end{array}$$

$$\begin{array}{r} > \\ \boxed{} \\ \hline 243 \\ 73 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

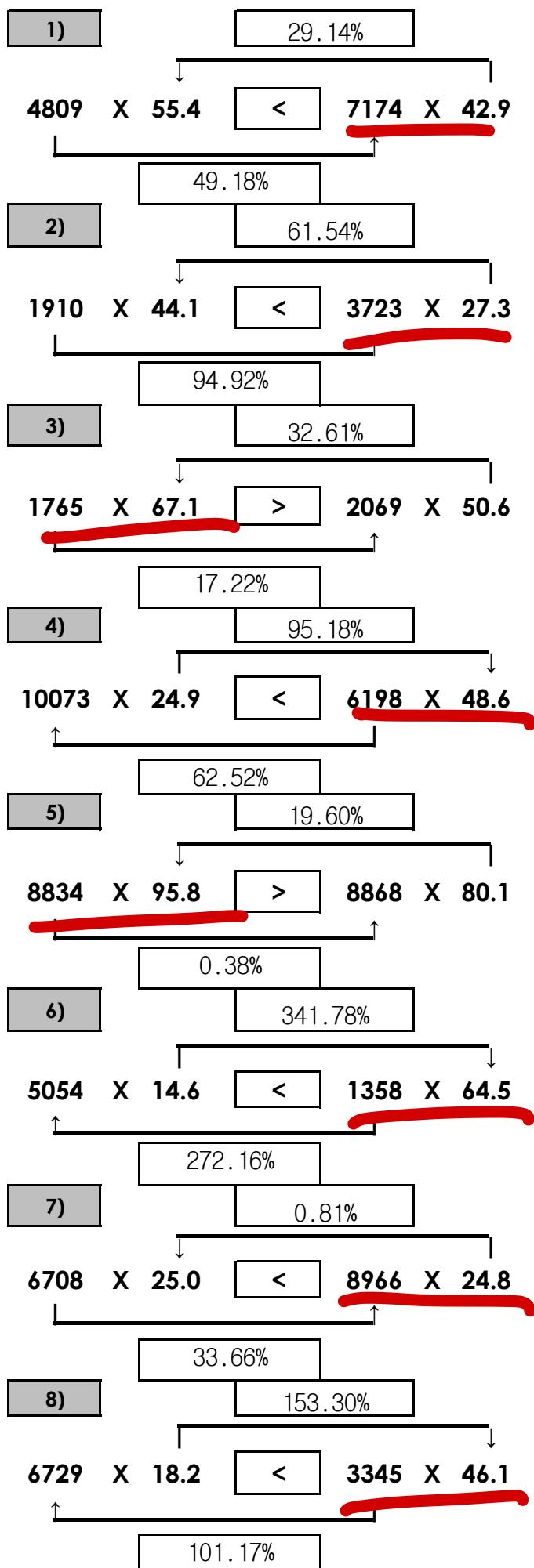
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

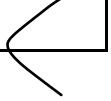
9)	88	77.27%	156
	182	->	309
	0.484	69.78%	0.505
10)	166	4.82%	174
	271	->	319
	0.613	17.71%	0.545
11)	116	185.34%	331
	42	->	107
	2.762	154.76%	3.093
12)	70	85.71%	130
	103	->	177
	0.680	71.84%	0.734
13)	207	2.99%	201
	178	<-	171
	1.163	4.09%	1.175
14)	166	88.64%	88
	257	<-	132
	0.646	94.70%	0.667
15)	243	23.87%	301
	287	->	332
	0.847	15.68%	0.907
16)	161	70.81%	275
	54	->	87
	2.981	61.11%	3.161
17)	124	40.91%	88
	321	<-	221
	0.386	45.25%	0.398
18)	217	11.98%	243
	59	->	73
	3.678	23.73%	3.329

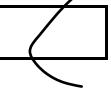
10/10

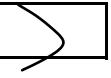
Vitamin Multiplication

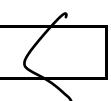
2 : 56

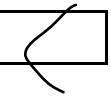
매일 매일 하나씩, 자료해석 비타민 (5/10)

1) 6746×57.3  4997×95.4

2) 7025×45.1  9323×42.8

3) 4034×78.5  3048×85.0

4) 8308×24.8  2774×87.3

5) 4260×39.0  8627×23.4

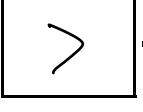
6) 3212×94.7  8967×27.8

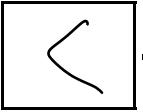
7) 1693×30.9  8806×5.0

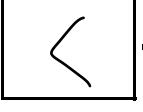
8) 6967×32.4  8465×29.7

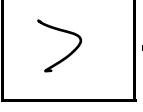
[Click here for a new set of problems](#)

9) $\frac{201}{132}$  $\frac{279}{195}$

10) $\frac{239}{198}$  $\frac{291}{274}$

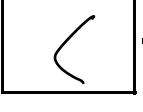
11) $\frac{153}{249}$  $\frac{176}{254}$

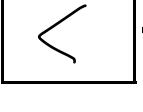
12) $\frac{195}{108}$  $\frac{231}{117}$

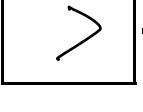
13) $\frac{170}{247}$  $\frac{200}{306}$

14) $\frac{283}{174}$  $\frac{37}{22}$

15) $\frac{206}{246}$  $\frac{47}{61}$ 27 30 35

16) $\frac{186}{203}$  $\frac{316}{328}$

17) $\frac{220}{280}$  $\frac{216}{237}$

18) $\frac{145}{88}$  $\frac{215}{136}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

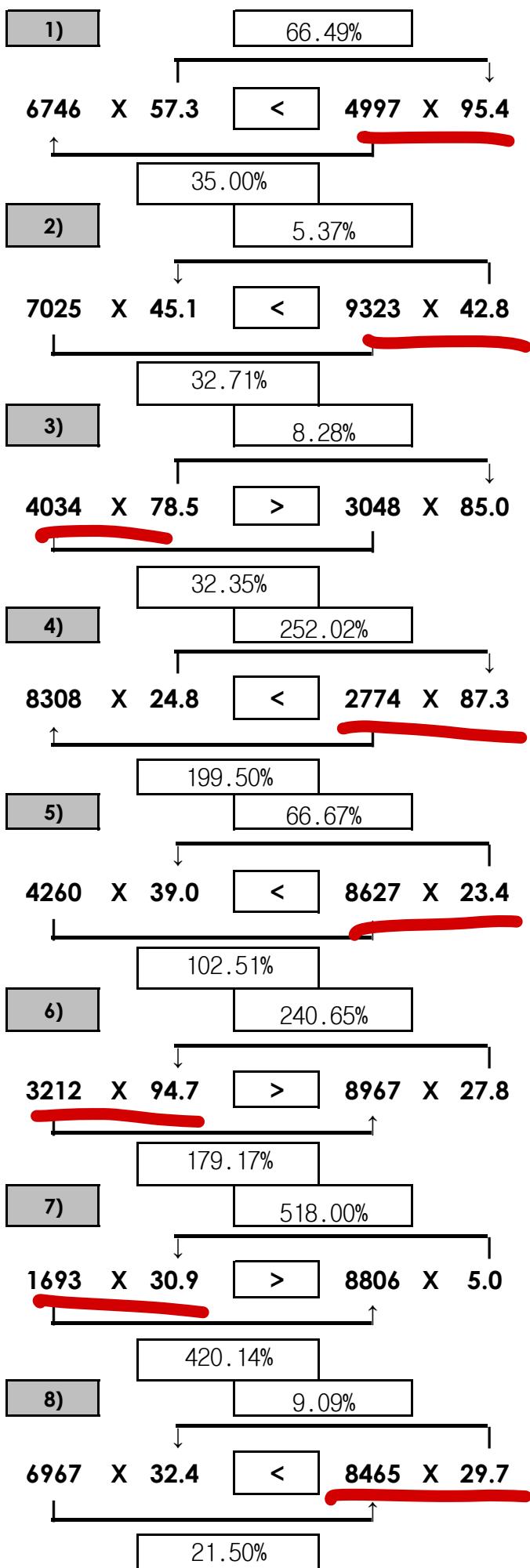
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민 / 10(10)

9)	201	38.81%	→	279
	132	->		195
	1.523	47.73%		1.431
10)	239	21.76%	→	291
	198	->		274
	1.207	38.38%		1.062
11)	153	15.03%	→	176
	249	->		254
	0.614	2.01%		0.693
12)	195	18.46%	→	231
	108	->		117
	1.806	8.33%		1.974
13)	170	17.65%	→	200
	247	->		306
	0.688	23.89%		0.654
14)	283	664.86%	<-	37
	174	<-		22
	1.626	690.91%		1.682
15)	206	338.30%	<-	47
	246	<-		61
	0.837	303.28%		0.770
16)	186	69.89%	→	316
	203	->		328
	0.916	61.58%		0.963
17)	220	1.85%	<-	216
	280	<-		237
	0.786	18.14%		0.911
18)	145	48.28%	→	215
	88	->		136
	1.648	54.55%		1.581

Vitamin Multiplication

7 : 76

10/11

매일 매일 하나씩, 자료해석 비타민

1) 2985×72.3 8511 $\times 33.2$

2) 3012×77.6 3455 $\times 75.2$

3) 5592×76.3 9475 $\times 38.8$

4) 8403×38.8 8111 $\times 50.4$

5) 1642×84.2 5787 $\times 29.9$

6) 6214×36.9 8385 $\times 34.9$

7) 9962×28.8 8583 $\times 39.5$

8) 7369×15.2 3191 $\times 30.0$

[Click here for a new set of problems](#)

9) $\frac{86}{75}$ 239 $\frac{239}{193}$

10) $\frac{110}{152}$ 60 $\frac{60}{78}$

11) $\frac{284}{210}$ 312 $\frac{312}{207}$

12) $\frac{147}{120}$ 250 $\frac{250}{224}$

13) $\frac{157}{168}$ 301 $\frac{301}{166}$

14) $\frac{271}{252}$ 260 $\frac{260}{229}$

15) $\frac{207}{301}$ 129 $\frac{129}{162}$

16) ~~$\frac{31}{94}$~~ $\frac{232}{309}$ 135 $\frac{135}{323}$

17) $\frac{159}{278}$ 112 $\frac{112}{214}$

18) ~~$\frac{216}{196}$~~ $\frac{90}{172}$ 86 $\frac{86}{180}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

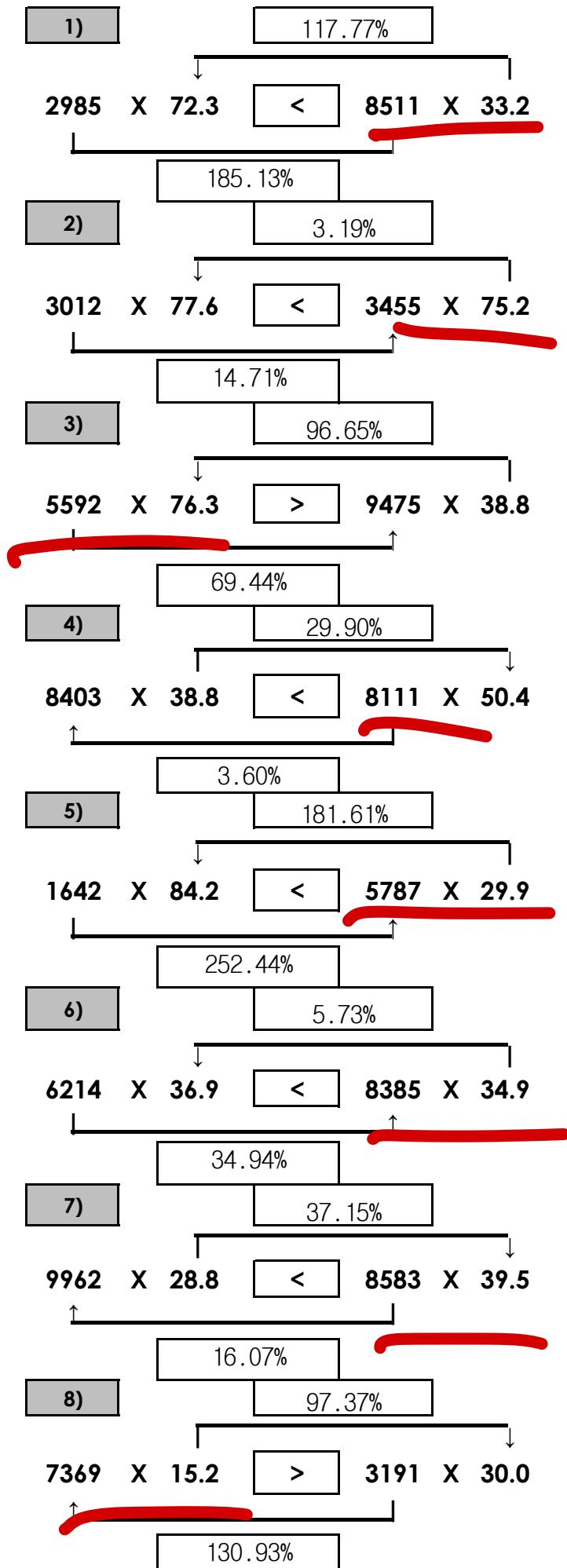
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민 10/14

9)	86	177.91% -> ->	239
	75	157.33%	193
	1.147		1.238
10)	110	83.33% <- <-	60
	152	94.87%	78
	0.724		0.769
11)	284	9.86% -> <-	312
	210	1.45%	207
	1.352		1.507
12)	147	70.07% -> ->	250
	120	86.67%	224
	1.225		1.116
13)	157	91.72% -> ->	301
	84	97.62%	166
	1.869		1.813
14)	271	4.23% <- <-	260
	252	10.04%	229
	1.075		1.135
15)	207	60.47% <- <-	129
	301	85.80%	162
	0.688		0.796
16)	94	43.62% -> ->	135
	232	39.22%	323
	0.405		0.418
17)	159	41.96% <- <-	112
	278	29.91%	214
	0.572		0.523
18)	216	140.00% <- <-	90
	196	127.91%	86
	1.102		1.047

Vitamin M

Multiplication

2 : 10

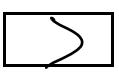
매일 매일 하나씩, 자료해석 비타민 (0/10)

1)
4071 X 38.6



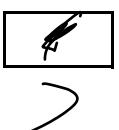
8158 x 22.3

2)
5975 X 25.6



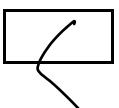
3224 x 38.6

3)
3206 X 78.4



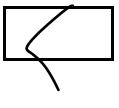
8466 x 25.5

4)
8848 X 23.7



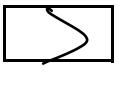
5776 x 47.6

5)
4782 X 60.1



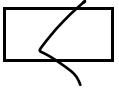
6002 x 54.6

6)
8672 X 45.7



3426 x 96.3

7)
1054 X 70.2



3088 x 31.8

8)
4787 X 44.1



5862 x 40.9

~~9)~~ 127
300
249
15

10) 267
328
256
319

11) 186
323
181
315

12) 314
307
125
122

13) 81
52
254
147

14) 267
311
273
282

15) 107
171
142
250

16) 65
214
15
44

17) 323
173
102
58

18) 131
78
316
206

Click here for a new set of problems

4'00"~ : Need Work

3'30"~4'00" : Acceptable

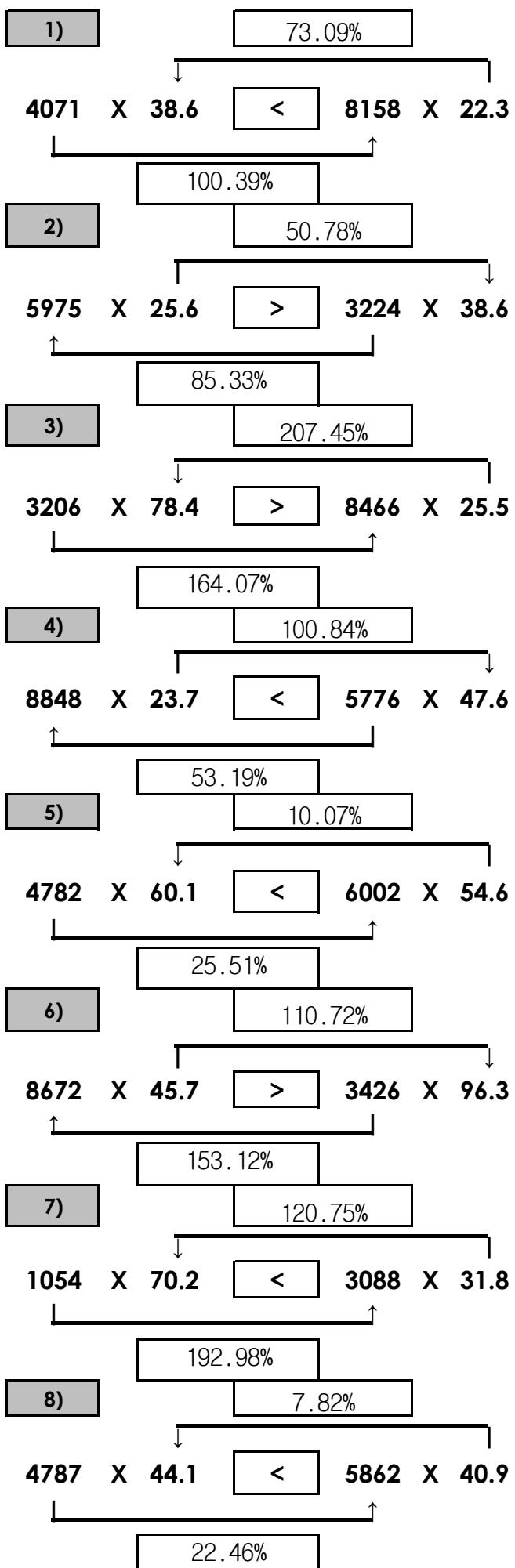
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민 10/12

9)	127	25.74%	101
	300	<-	249
	0.423	20.48%	0.406
10)	267	4.30%	256
	328	<-	319
	0.814	2.82%	0.803
11)	186	2.76%	181
	323	<-	315
	0.576	2.54%	0.575
12)	314	151.20%	125
	307	<-	122
	1.023	151.64%	1.025
13)	81	213.58%	254
	52	->	147
	1.558	182.69%	1.728
14)	267	2.25%	273
	311	<-	282
	0.859	10.28%	0.968
15)	107	32.71%	142
	171	->	250
	0.626	46.20%	0.568
16)	65	333.33%	15
	214	<-	44
	0.304	386.36%	0.341
17)	323	216.67%	102
	173	<-	58
	1.867	198.28%	1.759
18)	131	141.22%	316
	78	->	206
	1.679	164.10%	1.534

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민



1) 4687×65.2 8724×30.0

2) 4157×96.9 7136×69.7

3) 4420×82.8 7337×60.2

4) 3958×15.1 1854×37.2

5) 5892×74.8 7149×52.1

6) 7182×36.0 3531×94.4

7) 1675×85.1 5724×30.7

8) 8161×47.8 9474×36.4

[Click here for a new set of problems](#)

9) $\frac{235}{79}$ $\frac{200}{60}$

10) $\frac{11}{140}$ $\frac{198}{244}$

11) ~~$\frac{195}{290}$~~ $\frac{216}{317}$

12) $\frac{186}{226}$ $\frac{185}{246}$

13) $\frac{167}{207}$ $\frac{220}{292}$

14) $\frac{239}{309}$ $\frac{118}{149}$

15) $\frac{168}{225}$ $\frac{269}{335}$

16) $\frac{180}{47}$ $\frac{316}{75}$

17) $\frac{319}{260}$ $\frac{281}{197}$

18) $\frac{119}{125}$ $\frac{142}{166}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

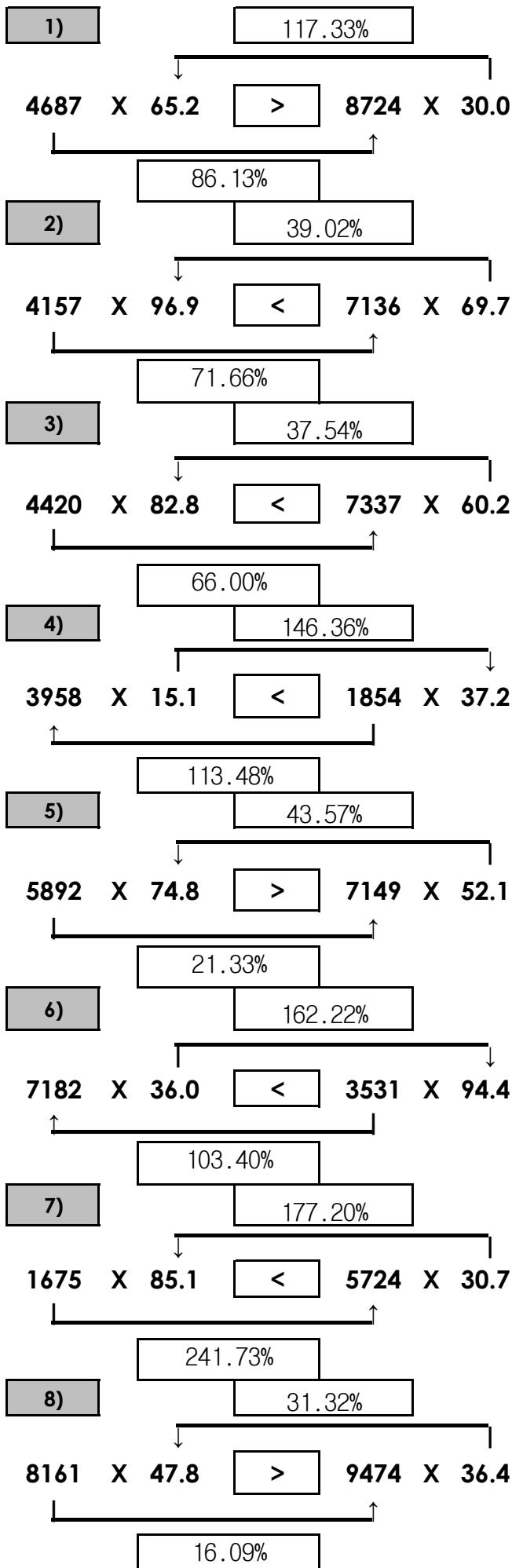
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	235	17.50%	200
	79	<-	60
	2.975	31.67%	3.333
10)	11	1700.00%	198
	14	->	244
	0.786	1642.86%	0.811
11)	195	10.77%	216
	290	->	317
	0.672	9.31%	0.681
12)	186	0.54%	185
	226	->	246
	0.823	8.85%	0.752
13)	167	31.74%	220
	207	->	292
	0.807	41.06%	0.753
14)	239	102.54%	118
	309	<-	149
	0.773	107.38%	0.792
15)	168	60.12%	269
	225	->	335
	0.747	48.89%	0.803
16)	180	75.56%	316
	47	->	75
	3.830	59.57%	4.213
17)	319	13.52%	281
	260	<-	197
	1.227	31.98%	1.426
18)	119	19.33%	142
	125	->	166
	0.952	32.80%	0.855

1) 4507×61.0 4504 $\times 72.3$

2) 1717×77.5 7296 $\times 21.9$

3) 7225×16.1 6050 $\times 16.9$

4) 6105×61.5 7035 $\times 44.6$

5) 6324×27.8 2666 $\times 79.7$

6) 6096×11.9 3253 $\times 19.0$

7) 1980×45.6 3595 $\times 30.4$

8) 5848×62.5 4746 $\times 88.9$

[Click here for a new set of problems](#)

9) $\frac{252}{102}$ 330 $\frac{152}{}$

~~10)~~ $\frac{187}{233}$ 133 $\frac{163}{}$

11) $\frac{296}{192}$ 226 $\frac{141}{}$

12) $\frac{208}{248}$ 105 $\frac{116}{}$

13) $\frac{107}{143}$ 224 $\frac{262}{}$

14) $\frac{254}{307}$ 246 $\frac{313}{}$

15) $\frac{240}{247}$ 151 $\frac{174}{}$

16) $\frac{218}{198}$ 313 $\frac{309}{}$

17) $\frac{226}{151}$ 191 $\frac{138}{}$

18) $\frac{172}{86}$ 147 $\frac{68}{}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

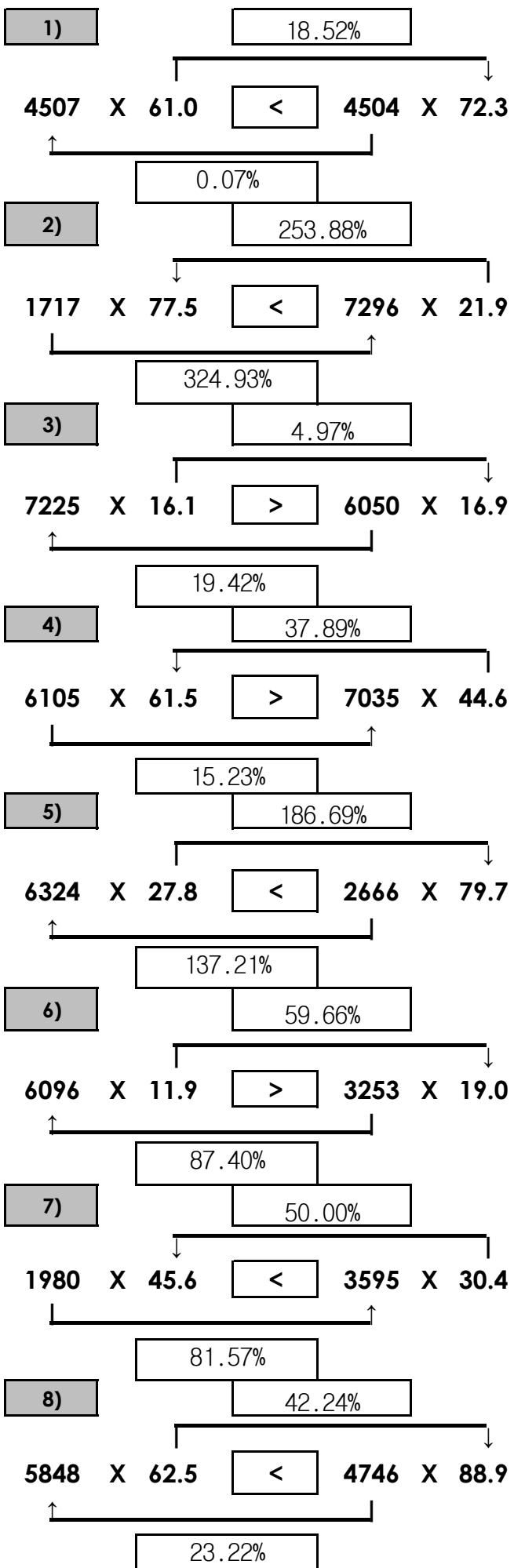
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9) 30.95%
 252
 102
 2.471
 →
 →
 330
 152
 2.171
 49.02%
 10) 40.60%
 187
 233
 0.803
 <-
 <-
 133
 163
 0.816
 42.94%
 11) 30.97%
 296
 192
 1.542
 <-
 <-
 226
 141
 1.603
 36.17%
 12) 98.10%
 208
 248
 0.839
 <-
 <-
 105
 116
 0.905
 113.79%
 13) 109.35%
 107
 143
 0.748
 ->
 ->
 224
 262
 0.855
 83.22%
 14) 3.25%
 254
 307
 0.827
 <-
 ->
 246
 313
 0.786
 1.95%
 15) 58.94%
 240
 247
 0.972
 <-
 <-
 151
 174
 0.868
 41.95%
 16) 43.58%
 218
 198
 1.101
 ->
 ->
 313
 309
 1.013
 56.06%
 17) 18.32%
 226
 151
 1.497
 <-
 <-
 191
 138
 1.384
 9.42%
 18) 17.01%
 172
 86
 2.000
 <-
 <-
 147
 68
 2.162
 26.47%

(4)

Vitamin M

매일 매일 하나씩, 자료해석 비타민

(5)

1)
4796 X 83.3



5246 x 63.8

2)
3030 X 48.1



1223 x 99.3

3)
7170 X 12.6



2771 x 37.1

4)
2984 X 58.6



3788 x 57.5

5)
3508 X 62.9



4833 x 53.1

6)
8743 X 46.5



3686 x 90.6

7)
9705 X 36.0



5821 x 68.6

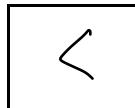
8)
5173 X 30.8



2829 x 45.8

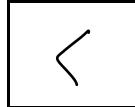
[Click here for a new set of problems](#)

9)
~~44~~ 94
233



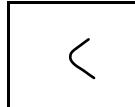
138
303

10)
53
58



134
146

11)
175
156



280
219

12)
24
34



206
261

13)
20
19



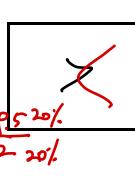
335
289

14)
117
58



311
164

15)
~~106~~
~~73~~
~~182~~
~~1095 20%~~
~~272 20%~~



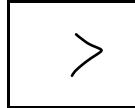
128
315

16)
228
198



221
200

17)
315
123



303
134

18)
203
305



220
323

4'00"~ : Need Work

3'30"~4'00" : Acceptable

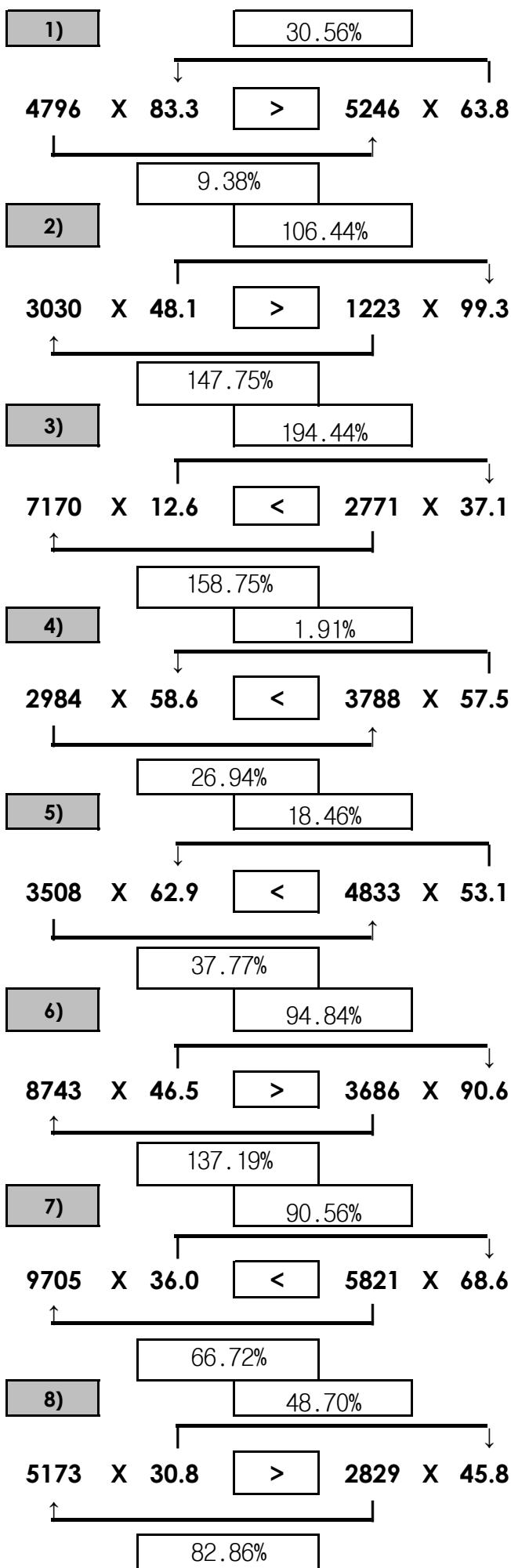
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	94	46.81% -> ->	138
	233	30.04%	303
	0.403	0.455	
10)	53	152.83% -> ->	134
	58	151.72%	146
	0.914	0.918	
11)	175	60.00% -> ->	280
	156	40.38%	219
	1.122	1.279	
12)	24	758.33% -> ->	206
	34	667.65%	261
	0.706	0.789	
13)	20	1575.00% -> ->	335
	19	1421.05%	289
	1.053	1.159	
14)	117	165.81% -> ->	311
	58	182.76%	164
	2.017	1.896	
15)	73	75.34% -> ->	128
	182	73.08%	315
	0.401	0.406	
16)	228	3.17% <- ->	221
	198	1.01%	200
	1.152	1.105	
17)	315	3.96% <- ->	303
	123	8.94%	134
	2.561	2.261	
18)	203	8.37% -> ->	220
	305	5.90%	323
	0.666	0.681	

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

16

1) 4251×12.7 < 3730×16.8

2) 9112×20.8 < 3147×74.5

3) 6312×41.6 < 7787×40.5

4) 2678×74.5 > 4004×40.1

5) 6022×83.6 < 8718×69.1

6) 5724×77.0 < 9265×54.7

7) 1573×39.5 < 6956×10.9

8) 3839×25.2 < 1499×85.6

[Click here for a new set of problems](#)

9) $\frac{159}{132}$ < $\frac{323}{256}$

10) $\frac{271}{90}$ > $\frac{65}{22}$

11) ~~$\frac{69}{96}$~~ < $\frac{183}{260}$

12) $\frac{220}{123}$ < $\frac{322}{184}$

13) $\frac{129}{271}$ < $\frac{175}{317}$

14) $\frac{118}{205}$ < $\frac{93}{156}$

15) $\frac{192}{222}$ > $\frac{145}{185}$

16) $\frac{221}{242}$ > $\frac{182}{202}$

17) $\frac{228}{203}$ < $\frac{276}{236}$

18) $\frac{228}{334}$ < $\frac{244}{339}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

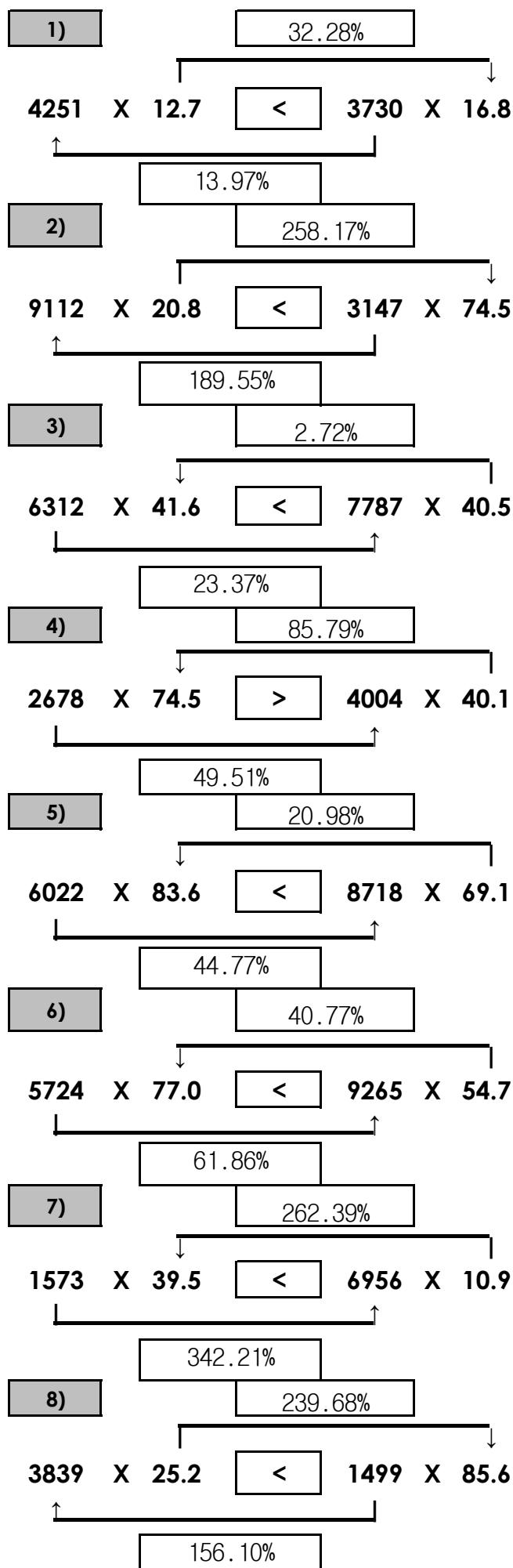
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication

16



매일 매일 하나씩, 자료해석 비타민

9)	159	103.14%	323
	132	->	256
	1.205	93.94%	1.262
10)	271	316.92%	65
	90	<-	22
	3.011	309.09%	2.955
11)	69	165.22%	183
	96	->	260
	0.719	170.83%	0.704
12)	220	46.36%	322
	123	->	184
	1.789	49.59%	1.750
13)	129	35.66%	175
	271	->	317
	0.476	16.97%	0.552
14)	118	26.88%	93
	205	<-	156
	0.576	31.41%	0.596
15)	192	32.41%	145
	222	<-	185
	0.865	20.00%	0.784
16)	221	21.43%	182
	242	<-	202
	0.913	19.80%	0.901
17)	228	21.05%	276
	203	->	236
	1.123	16.26%	1.169
18)	228	7.02%	244
	334	->	339
	0.683	1.50%	0.720

Vitamin M

Multiplication

17

매일 매일 하나씩, 자료해석 비타민

1)

$$8481 \times 27.6$$



$$3989 \times 50.6$$

2)

$$3511 \times 55.9$$



$$9871 \times 23.1$$

3)

$$7111 \times 64.3$$



$$9278 \times 55.9$$

4)

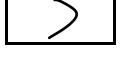
$$4447 \times 88.7$$



$$6825 \times 49.9$$

5)

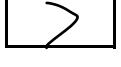
$$5473 \times 74.8$$



$$5500 \times 65.2$$

6)

$$7122 \times 31.4$$



$$9387 \times 19.7$$

7)

$$8494 \times 28.1$$



$$7380 \times 37.8$$

8)

$$4489 \times 88.5$$



$$7145 \times 45.0$$

9)

$$\begin{array}{r} 76 \\ \hline 130 \\ \hline \end{array} > \begin{array}{r} 168 \\ \hline 291 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 83 \\ \hline 134 \\ \hline \end{array} > \begin{array}{r} 78 \\ \hline 137 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 186 \\ \hline 158 \\ \hline \end{array} > \begin{array}{r} 176 \\ \hline 167 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 276 \\ \hline 290 \\ \hline \end{array} > \begin{array}{r} 239 \\ \hline 265 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 173 \\ \hline 255 \\ \hline \end{array} > \begin{array}{r} 46 \\ \hline 70 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 274 \\ \hline 119 \\ \hline \end{array} > \begin{array}{r} 115 \\ \hline 50 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 310 \\ \hline 319 \\ \hline \end{array} > \begin{array}{r} 168 \\ \hline 175 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 44 \\ \hline 118 \\ \hline \end{array} < \begin{array}{r} 28 \\ \hline 74 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 112 \\ \hline 107 \\ \hline \end{array} < \begin{array}{r} 145 \\ \hline 138 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 234 \\ \hline 206 \\ \hline \end{array} < \begin{array}{r} 286 \\ \hline 240 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

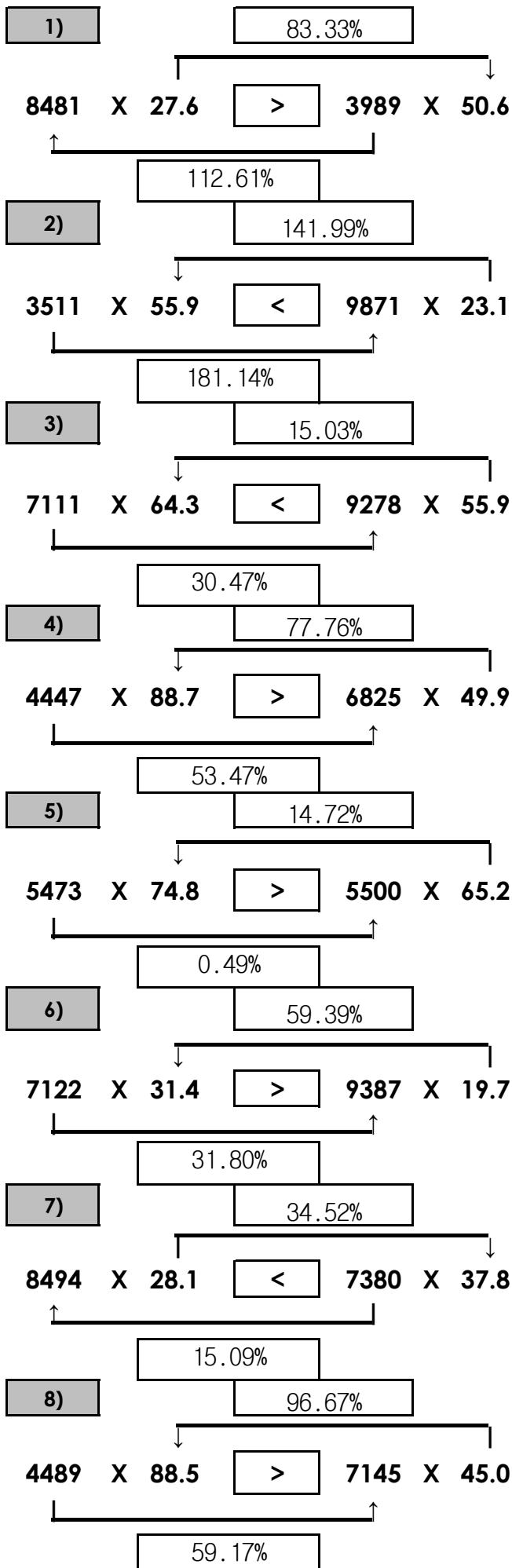
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	76 130 0.585	121.05% -> -> 123.85%	168 291 0.577
10)	83 134 0.619	6.41% <- -> 2.24%	78 137 0.569
11)	186 158 1.177	5.68% <- -> 5.70%	176 167 1.054
12)	276 290 0.952	15.48% <- <- 9.43%	239 265 0.902
13)	173 255 0.678	276.09% <- <- 264.29%	46 70 0.657
14)	274 119 2.303	138.26% <- <- 138.00%	115 50 2.300
15)	310 319 0.972	84.52% <- <- 82.29%	168 175 0.960
16)	44 118 0.373	57.14% <- <- 59.46%	28 74 0.378
17)	112 107 1.047	29.46% -> -> 28.97%	145 138 1.051
18)	234 206 1.136	22.22% -> -> 16.50%	286 240 1.192

Vitamin M

Multiplication 매일 매일 하나씩, 자료해석 비타민 1/6

1) 3260×32.5 6811 $\times 17.6$

2) 5572×56.1 9436 $\times 40.0$

3) 9127×9.0 3305 $\times 31.1$

4) 4783×93.1 6254 $\times 79.4$

5) 10106×17.2 8165 $\times 26.4$

6) 9697×66.9 6879 $\times 76.9$

7) 1721×82.5 9871 $\times 12.4$

8) 5612×36.3 7022 $\times 23.7$

[Click here for a new set of problems](#)

9) 285 209
 281 191

10) 202 229
 207 230

11) 232 317
 ~~26~~
 ~~200~~
 ~~79~~
 ~~239~~
 ~~324~~

12) 98 161
 125 216

13) 110 158
 247 307

14) 270 322
 243 264

15) 230 167
 23 16

16) 98 59
 212 129

17) 279 199
 98 64

18) 143 102
 164 129

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

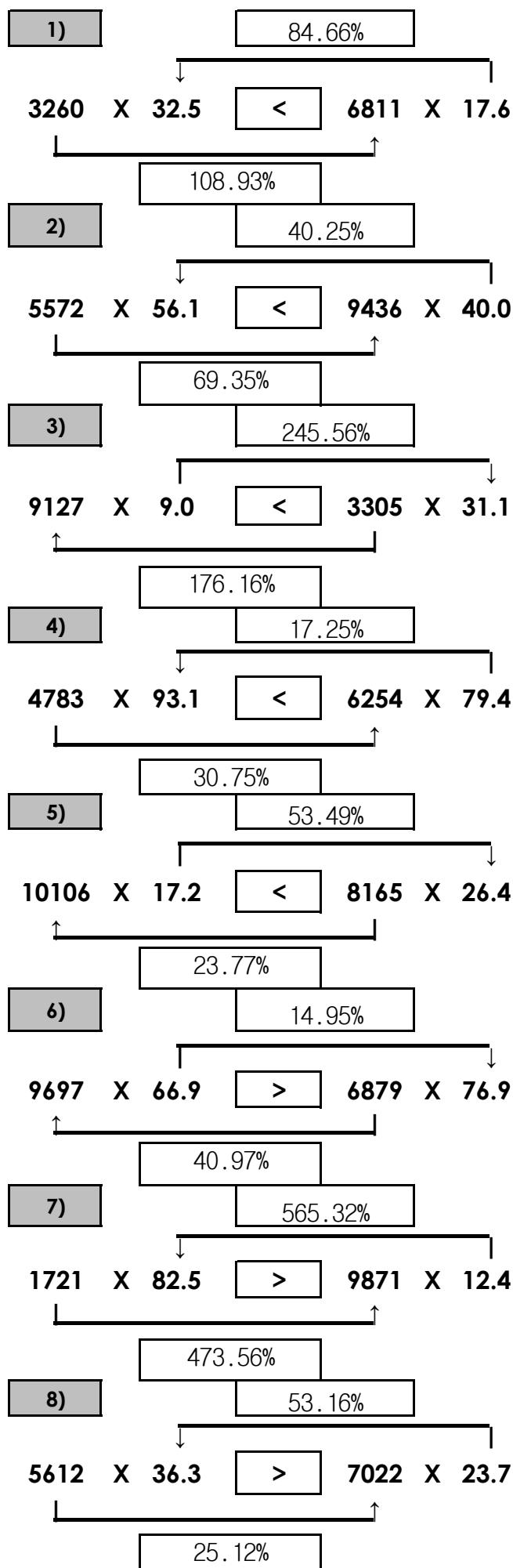
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication

(8)



매일 매일 하나씩, 자료해석 비타민

9)	285	36.36%	209
	281	<-	191
	1.014	47.12%	1.094
10)	202	13.37%	229
	207	->	230
	0.976	11.11%	0.996
11)	232	36.64%	317
	79	->	108
	2.937	36.71%	2.935
12)	98	64.29%	161
	125	->	216
	0.784	72.80%	0.745
13)	110	43.64%	158
	247	->	307
	0.445	24.29%	0.515
14)	270	19.26%	322
	243	->	264
	1.111	8.64%	1.220
15)	230	37.72%	167
	23	<-	16
	10.000	43.75%	10.438
16)	98	66.10%	59
	212	<-	129
	0.462	64.34%	0.457
17)	279	40.20%	199
	98	<-	64
	2.847	53.13%	3.109
18)	143	40.20%	102
	164	<-	129
	0.872	27.13%	0.791

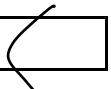
Vitamin M

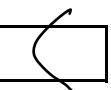
매일 매일 하나씩, 자료해석 비타민

/P

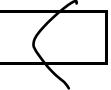
2:42.

1) 3260×32.5  6811×17.6

2) 5572×56.1  9436×40.0

3) 9127×9.0  3305×31.1

4) 4783×93.1  6254×79.4

5) 10106×17.2  8165×26.4

6) 9697×66.9  6879×76.9

7) 1721×82.5  9871×12.4

8) 5612×36.3  7022×23.7

[Click here for a new set of problems](#)

9) $\frac{285}{281}$  $\frac{209}{191}$

10) $\frac{202}{207}$  $\frac{229}{230}$

11) ~~$\frac{232}{279}$~~  ~~$\frac{317}{108}$~~ $\frac{3}{108}$ 1
279 232 317 108 324

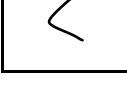
12) $\frac{98}{125}$  $\frac{161}{216}$

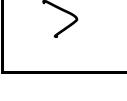
13) $\frac{110}{247}$  $\frac{158}{307}$

14) $\frac{270}{243}$  $\frac{322}{264}$

15) $\frac{230}{23}$  $\frac{167}{16}$

16) $\frac{98}{212}$  $\frac{59}{129}$

17) $\frac{279}{98}$  $\frac{199}{64}$

18) $\frac{143}{164}$  $\frac{102}{129}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

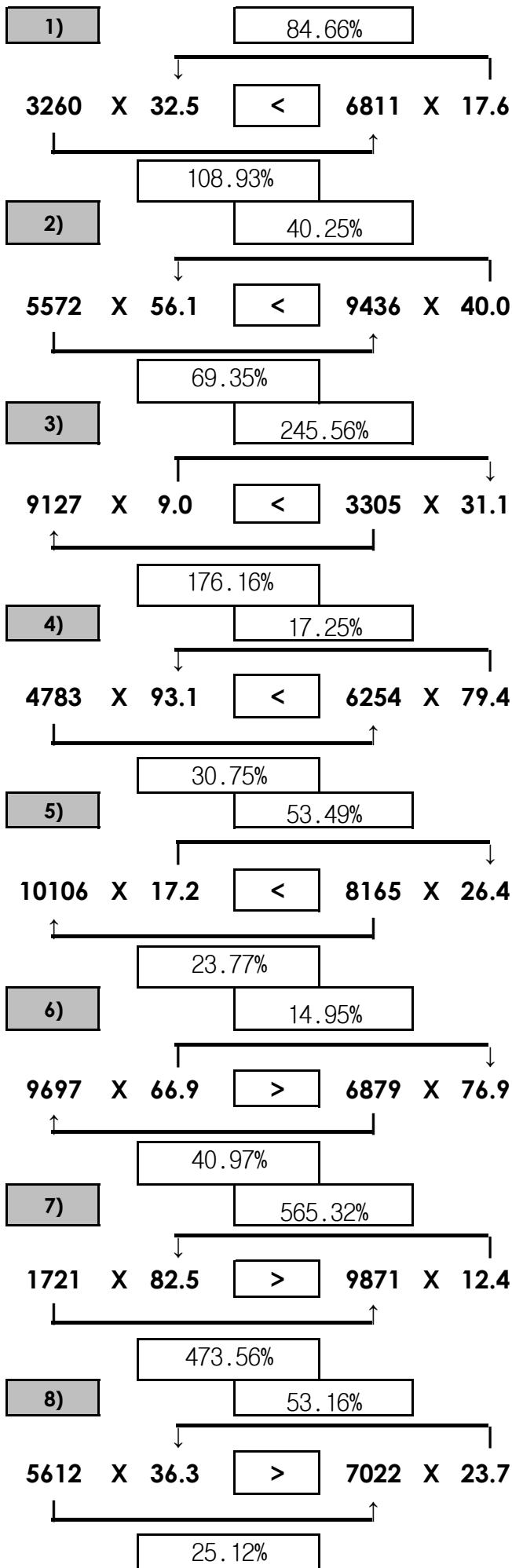
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	285	36.36%	209
	281	<-	191
	1.014	<-	1.094
10)	202	47.12%	229
	207	->	230
	0.976	->	0.996
11)	232	13.37%	317
	79	->	108
	2.937	->	2.935
12)	98	36.64%	161
	125	->	216
	0.784	->	0.745
13)	110	72.80%	158
	247	->	307
	0.445	->	0.515
14)	270	43.64%	322
	243	->	264
	1.111	->	1.220
15)	230	19.26%	167
	23	<-	16
	10.000	<-	10.438
16)	98	37.72%	59
	212	<-	129
	0.462	<-	0.457
17)	279	66.10%	199
	98	<-	64
	2.847	<-	3.109
18)	143	40.20%	102
	164	<-	129
	0.872	<-	0.791

Vitamin Multiplication

매일 매일 하나씩, 자료해석 비타민)

1) 5474×65.4 [] 7162×58.1 []

2) 3817×44.4 [] 1997×70.2 []

3) 4109×14.3 [] 2779×25.7 []

4) 4344×18.8 [] 1599×64.7 []

5) 6996×40.9 [] 7153×32.9 []

6) 8727×38.7 [] 4970×86.3 []

7) 3173×55.7 [] 5446×36.4 []

8) 6335×82.6 [] 9782×69.7 []

[Click here for a new set of problems](#)

9) $\frac{260}{149}$ [] $\frac{309}{196}$

10) $\frac{255}{263}$ [] $\frac{168}{176}$

11) $\frac{55}{95}$ [] $\frac{154}{278}$

12) $\frac{248}{124}$ [] $\frac{314}{139}$

13) $\frac{14}{19}$ [] $\frac{143}{193}$

14) $\frac{118}{88}$ [] $\frac{286}{218}$

15) $\frac{310}{263}$ [] $\frac{262}{196}$

16) $\frac{163}{116}$ [] $\frac{52}{37}$

17) $\frac{221}{278}$ [] $\frac{54}{61}$

18) $\frac{145}{290}$ [] $\frac{86}{178}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

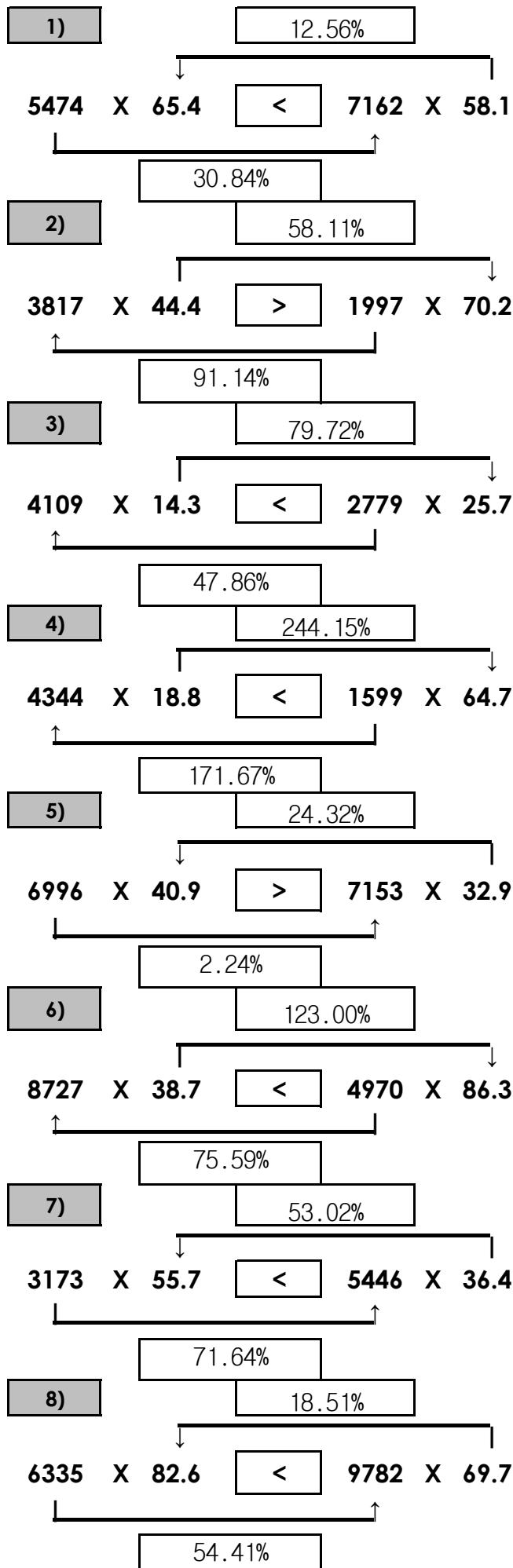
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	260	18.85% ->	309
	149	->	196
	1.745	31.54%	1.577
10)	255	51.79% <-	168
	263	<-	176
	0.970	49.43%	0.955
11)	55	180.00% ->	154
	95	->	278
	0.579	192.63%	0.554
12)	248	26.61% ->	314
	124	->	139
	2.000	12.10%	2.259
13)	14	921.43% ->	143
	19	->	193
	0.737	915.79%	0.741
14)	118	142.37% ->	286
	88	->	218
	1.341	147.73%	1.312
15)	310	18.32% <-	262
	263	<-	196
	1.179	34.18%	1.337
16)	163	213.46% <-	52
	116	<-	37
	1.405	213.51%	1.405
17)	221	309.26% <-	54
	278	<-	61
	0.795	355.74%	0.885
18)	145	68.60% <-	86
	290	<-	178
	0.500	62.92%	0.483

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민 ↗

1) 7075×45.8 5440×71.6

2) 8577×16.4 1740×90.4

3) 6450×56.1 8878×45.3

4) 8999×22.9 6701×36.0

5) 4494×4.7 9184×1.9

6) 2627×24.1 6371×12.0

7) 5478×20.2 1015×88.6

8) 2942×36.4 4951×27.5

[Click here for a new set of problems](#)

9) $\frac{233}{173}$ $\frac{76}{49}$

10) $\frac{314}{203}$ $\frac{247}{164}$

11) $\frac{135}{68}$ $\frac{95}{47}$

12) $\frac{202}{97}$ $\frac{313}{137}$

13) $\frac{51}{134}$ $\frac{116}{326}$

14) $\frac{280}{327}$ $\frac{223}{271}$

15) $\frac{95}{111}$ $\frac{111}{144}$

16) $\frac{47}{87}$ $\frac{99}{178}$

17) $\frac{278}{336}$ $\frac{273}{308}$

18) $\frac{79}{337}$ $\frac{62}{229}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

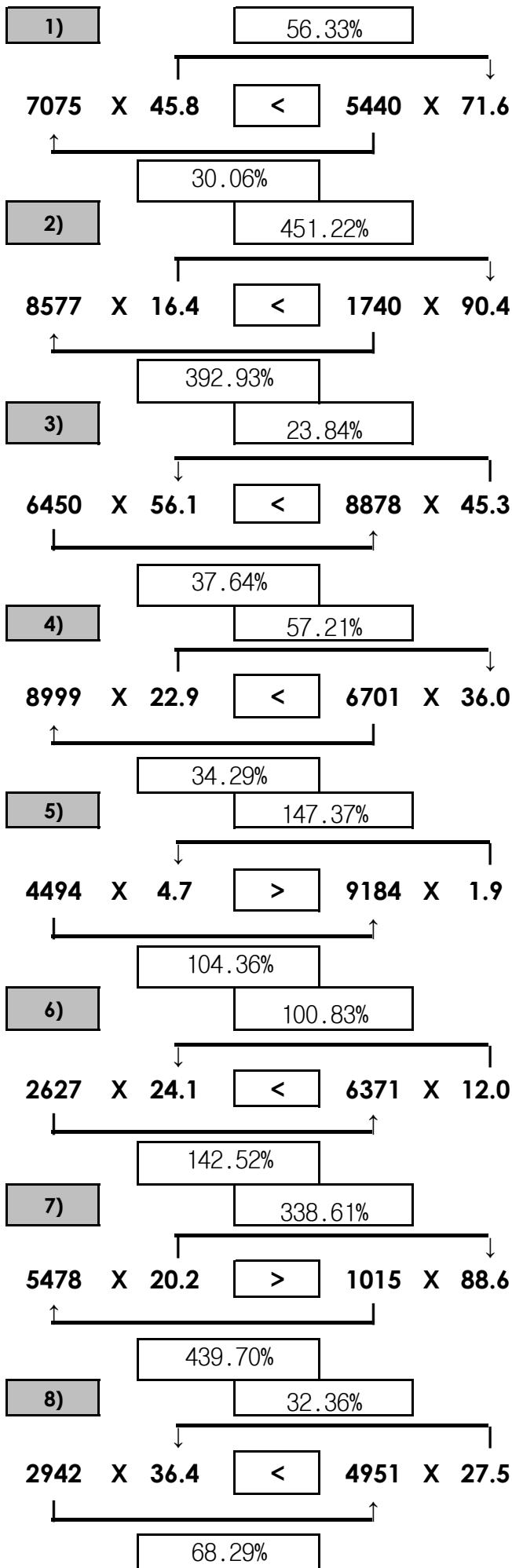
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민 2-1

9)	233	206.58%	76
	173	<-	49
	1.347	253.06%	1.551
10)	314	27.13%	247
	203	<-	164
	1.547	23.78%	1.506
11)	135	42.11%	95
	68	<-	47
	1.985	44.68%	2.021
12)	202	54.95%	313
	97	->	137
	2.082	41.24%	2.285
13)	51	127.45%	116
	134	->	326
	0.381	143.28%	0.356
14)	280	25.56%	223
	327	<-	271
	0.856	20.66%	0.823
15)	95	16.84%	111
	111	->	144
	0.856	29.73%	0.771
16)	47	110.64%	99
	87	->	178
	0.540	104.60%	0.556
17)	278	1.83%	273
	336	<-	308
	0.827	9.09%	0.886
18)	79	27.42%	62
	337	<-	229
	0.234	47.16%	0.271

Vitamin M

Multiplication
2.18

매일 매일 하나씩, 자료해석 비타민 26

1)

$$1694 \times 84.2$$



$$2293 \times 49.9$$

2)

$$6697 \times 88.4$$



$$9910 \times 72.2$$

3)

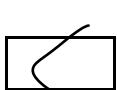
$$1663 \times 79.8$$



$$2029 \times 77.8$$

4)

$$3766 \times 69.5$$



$$3207 \times 98.6$$

5)

$$4681 \times 39.8$$



$$6466 \times 32.3$$

6)

$$7398 \times 87.3$$



$$8875 \times 80.9$$

7)

$$3892 \times 29.8$$



$$5905 \times 23.2$$

8)

$$5455 \times 71.8$$



$$6332 \times 51.3$$

9)

$$\begin{array}{r} 82 \\ \hline 202 \\ \hline \end{array}$$

$$\begin{array}{r} < \\ \hline 90 \\ \hline 196 \\ \hline \end{array}$$

10)

$$\begin{array}{r} 161 \\ \hline 58 \\ \hline \end{array}$$

$$\begin{array}{r} > \\ \hline 84 \\ \hline 33 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 103 \\ \hline 50 \\ \hline \end{array}$$

$$\begin{array}{r} > \\ \hline 233 \\ \hline 122 \\ \hline \end{array}$$

~~12)~~

$$\begin{array}{r} 280 \\ \hline 163 \\ \hline 40 \\ \hline 210 \\ \hline 127 \\ \hline \end{array}$$

$$\begin{array}{r} > \\ \hline 215 \\ \hline 127 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 121 \\ \hline 274 \\ \hline \end{array}$$

$$\begin{array}{r} > \\ \hline 61 \\ \hline 139 \\ \hline \end{array}$$

14)

$$\begin{array}{r} 73 \\ \hline 37 \\ \hline \end{array}$$

$$\begin{array}{r} < \\ \hline 255 \\ \hline 116 \\ \hline \end{array}$$

~~15)~~

$$\begin{array}{r} 179 \\ \hline 202 \\ \hline 23 \\ \hline 34 \\ \hline 302 \\ \hline 342 \\ \hline \end{array}$$

$$\begin{array}{r} < \\ \hline 40 \\ \hline 342 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 229 \\ \hline 125 \\ \hline \end{array}$$

$$\begin{array}{r} < \\ \hline 157 \\ \hline 75 \\ \hline \end{array}$$

17)

$$\begin{array}{r} 103 \\ \hline 202 \\ \hline \end{array}$$

$$\begin{array}{r} > \\ \hline 71 \\ \hline 145 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 203 \\ \hline 289 \\ \hline \end{array}$$

$$\begin{array}{r} < \\ \hline 231 \\ \hline 315 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

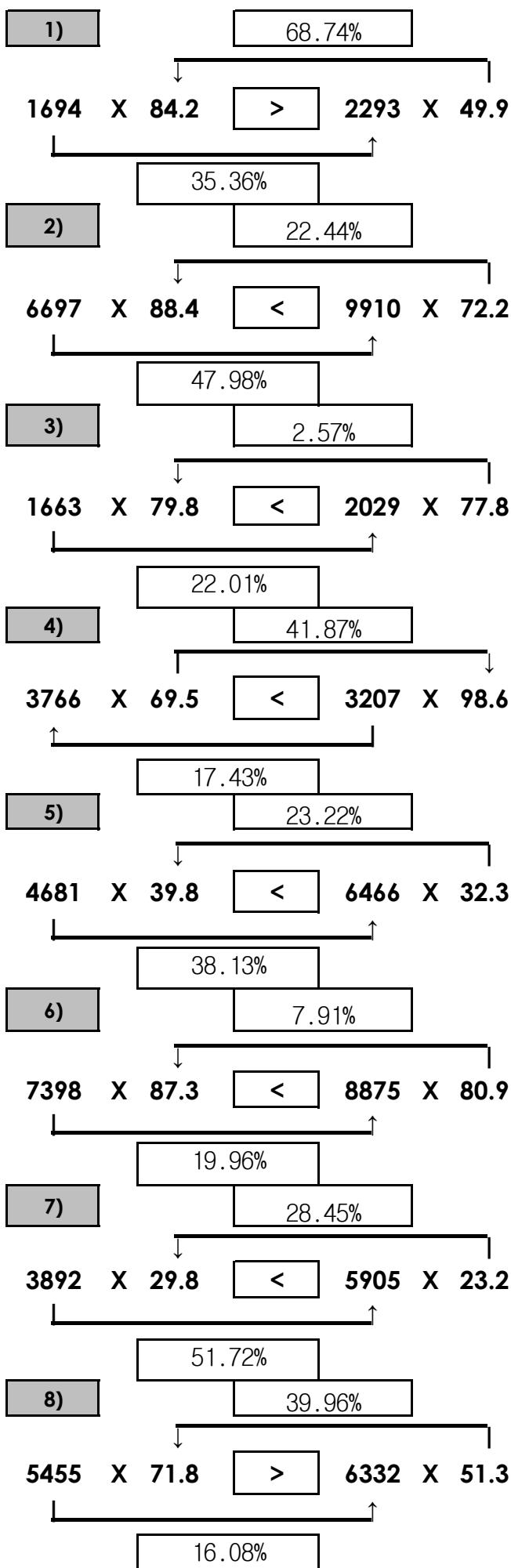
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민 26

9)	82 202 0.406	9.76% -> <- 3.06%	90 196 0.459
10)	161 58 2.776	91.67% <- <- 75.76%	84 33 2.545
11)	103 50 2.060	126.21% -> -> 144.00%	233 122 1.910
12)	280 163 1.718	30.23% <- <- 28.35%	215 127 1.693
13)	121 274 0.442	98.36% <- <- 97.12%	61 139 0.439
14)	73 37 1.973	249.32% -> -> 213.51%	255 116 2.198
15)	179 202 0.886	68.72% -> -> 69.31%	302 342 0.883
16)	229 125 1.832	45.86% <- <- 66.67%	157 75 2.093
17)	103 202 0.510	45.07% <- <- 39.31%	71 145 0.490
18)	203 289 0.702	13.79% -> -> 9.00%	231 315 0.733

Vitamin Multiplication

매일 매일 하나씩, 자료해석 비타민 29

1) 5992×27.3 2414×58.1

2) 3334×34.5 2114×69.0

3) 4115×28.5 2933×49.6

4) 2521×80.0 9468×17.2

5) 3693×64.3 5673×36.7

6) 3576×52.7 2991×72.0

7) 6147×13.4 9607×7.1

8) 2928×68.2 5623×43.1

[Click here for a new set of problems](#)

9) $\frac{288}{256}$ $\frac{168}{161}$

10) $\frac{35}{325}$ $\frac{36}{337}$

11) $\frac{26}{35}$ $\frac{102}{133}$

12) $\frac{126}{185}$ $\frac{220}{316}$

13) $\frac{292}{253}$ $\frac{65}{57}$

14) $\frac{70}{87}$ $\frac{310}{334}$

15) $\frac{140}{146}$ $\frac{166}{169}$

16) $\frac{121}{126}$ $\frac{198}{231}$

17) $\frac{30}{176}$ $\frac{56}{306}$

18) $\frac{121}{66}$ $\frac{312}{172}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

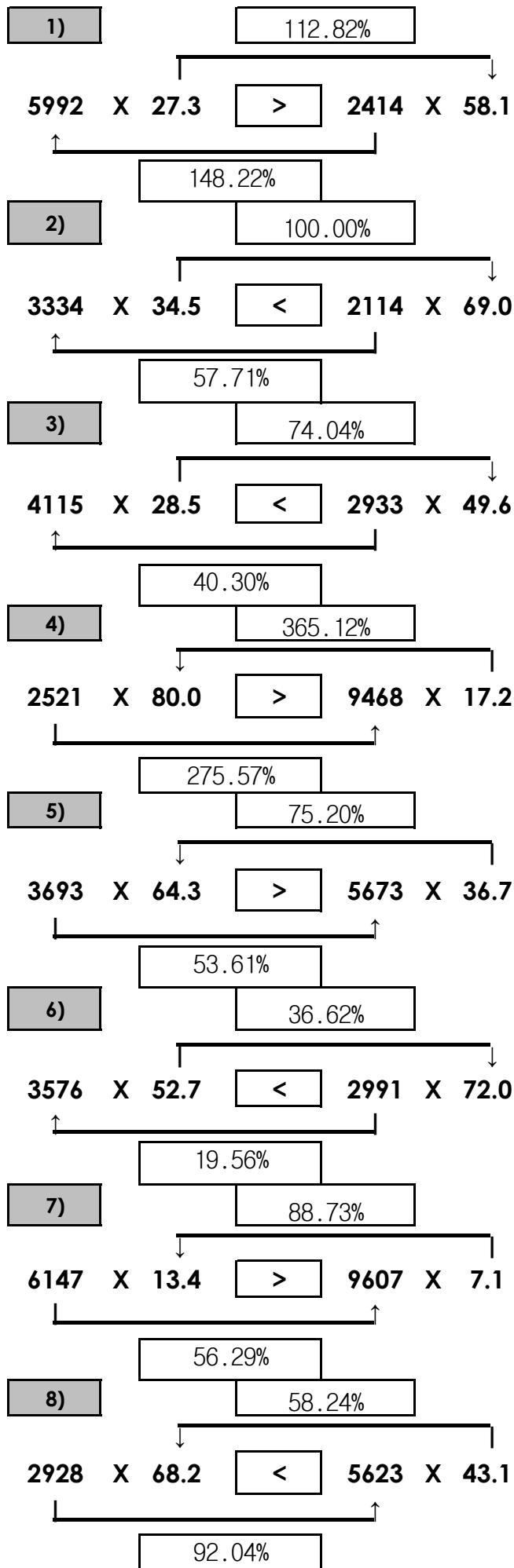
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	288 256 1.125	71.43% <- <- 59.01%	<u>168</u> <u>161</u> 1.043
10)	35 325 0.108	2.86% -> -> 3.69%	<u>36</u> <u>337</u> 0.107
11)	26 35 0.743	292.31% -> -> 280.00%	<u>102</u> <u>133</u> 0.767
12)	126 185 0.681	74.60% -> -> 70.81%	<u>220</u> <u>316</u> 0.696
13)	292 253 1.154	349.23% <- <- 343.86%	<u>65</u> <u>57</u> 1.140
14)	70 87 0.805	342.86% -> -> 283.91%	<u>310</u> <u>334</u> 0.928
15)	140 146 0.959	18.57% -> -> 15.75%	<u>166</u> <u>169</u> 0.982
16)	121 126 0.960	63.64% -> -> 83.33%	<u>198</u> <u>231</u> 0.857
17)	30 176 0.170	86.67% -> -> 73.86%	<u>56</u> <u>306</u> 0.183
18)	121 66 1.833	157.85% -> -> 160.61%	<u>312</u> <u>172</u> 1.814

Vitamin M

Multiplication

108

매일 매일 하나씩, 자료해석 비타민

1)

$$3514 \times 51.3$$



$$7659 \times 19.6$$

2)

$$5363 \times 25.1$$



$$4528 \times 37.4$$

3)

$$6432 \times 67.1$$



$$6837 \times 55.1$$

4)

$$2885 \times 83.1$$



$$6218 \times 44.1$$

5)

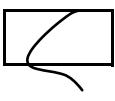
$$4473 \times 90.1$$



$$6767 \times 47.7$$

6)

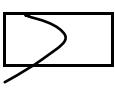
$$2855 \times 62.7$$



$$9993 \times 20.4$$

7)

$$8153 \times 79.4$$



$$5965 \times 91.3$$

8)

$$6419 \times 34.6$$



$$5836 \times 50.6$$

9)

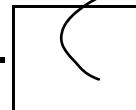
$$\begin{array}{r} 100 \\ 152 \\ \hline \end{array}$$



$$\begin{array}{r} 148 \\ 218 \\ \hline \end{array}$$

10)

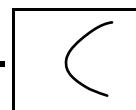
$$\begin{array}{r} 52 \\ 223 \\ \hline \end{array}$$



$$\begin{array}{r} 70 \\ 297 \\ \hline \end{array}$$

11)

$$\begin{array}{r} 199 \\ 271 \\ \hline \end{array}$$



$$\begin{array}{r} 132 \\ 161 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 103 \\ 200 \\ \hline \end{array}$$



$$\begin{array}{r} 170 \\ 320 \\ \hline \end{array}$$

13)

$$\begin{array}{r} 277 \\ 179 \\ \hline \end{array}$$



$$\begin{array}{r} 144 \\ 89 \\ \hline \end{array}$$

14)

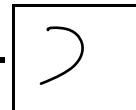
$$\begin{array}{r} 295 \\ 266 \\ \hline \end{array}$$



$$\begin{array}{r} 288 \\ 265 \\ \hline \end{array}$$

15)

$$\begin{array}{r} 168 \\ 108 \\ \hline \end{array}$$



$$\begin{array}{r} 298 \\ 208 \\ \hline \end{array}$$

16)

$$\begin{array}{r} 314 \\ 175 \\ \hline \end{array}$$



$$\begin{array}{r} 87 \\ 44 \\ \hline \end{array}$$

17)

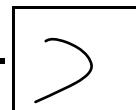
$$\begin{array}{r} 330 \\ 343 \\ \hline \end{array}$$



$$\begin{array}{r} 185 \\ 190 \\ \hline \end{array}$$

18)

$$\begin{array}{r} 114 \\ 206 \\ \hline \end{array}$$



$$\begin{array}{r} 37 \\ 68 \\ \hline \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

3'00"~3'30" : Average

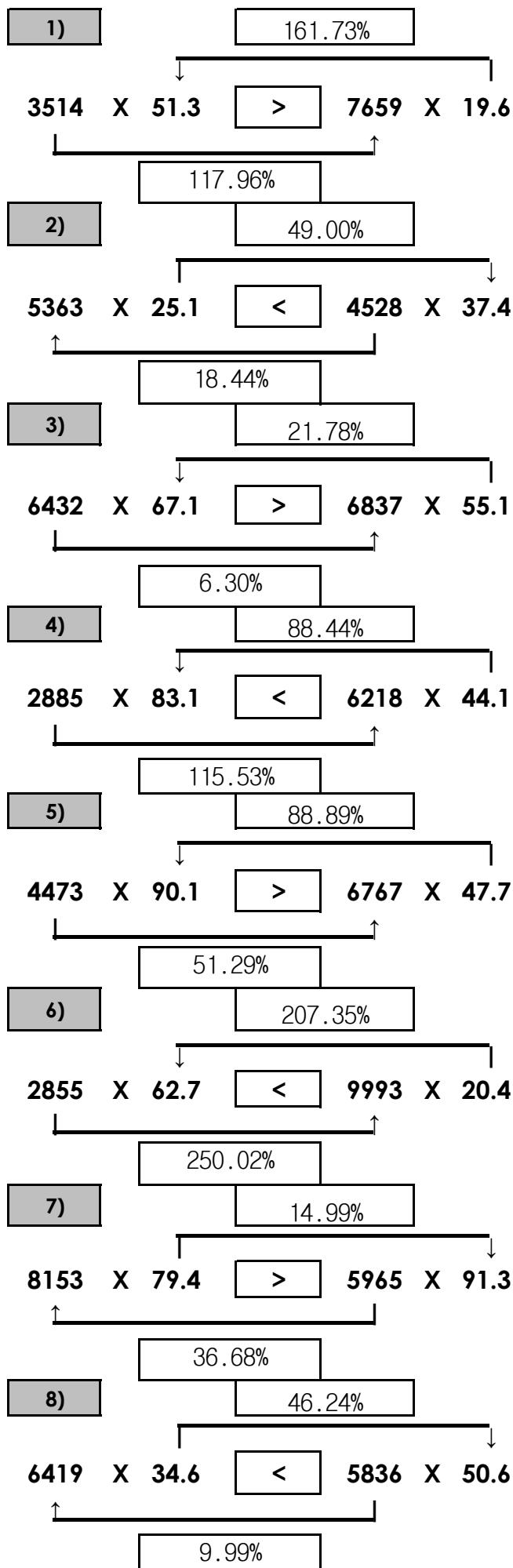
2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication

28



매일 매일 하나씩, 자료해석 비타민

9)	100	48.00%	148
	152	->	218
	0.658	->	0.679
10)	52	43.42%	70
	223	34.62%	297
	0.233	->	0.236
11)	199	33.18%	132
	271	50.76%	161
	0.734	<-	0.820
12)	103	68.32%	170
	200	65.05%	320
	0.515	->	0.531
13)	277	60.00%	144
	179	92.36%	89
	1.547	<-	1.618
14)	295	101.12%	288
	266	2.43%	265
	1.109	<-	1.087
15)	168	0.38%	298
	108	77.38%	208
	1.556	->	1.433
16)	314	92.59%	87
	175	260.92%	44
	1.794	<-	1.977
17)	330	297.73%	185
	343	78.38%	190
	0.962	<-	0.974
18)	114	80.53%	37
	206	208.11%	68
	0.553	<-	0.544
		202.94%	

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민

20
2P

1) 4953×56.4 3905 $\times 59.1$

2) 9638×36.8 9325 $\times 42.5$

3) 4559×77.3 9111 $\times 43.5$

4) 1157×56.8 2760 $\times 20.5$

5) 5404×62.6 8069 $\times 35.9$

6) 1385×92.2 3394 $\times 43.1$

7) 6752×63.8 4130 $\times 92.0$

8) 3591×28.1 5244 $\times 24.0$

[Click here for a new set of problems](#)

9) $\frac{133}{89}$ 317

10) $\frac{238}{165}$ 324

11) $\frac{131}{308}$ 103

12) $\frac{96}{253}$ 83

13) $\frac{64}{277}$ 60

14) $\frac{112}{108}$ 143

15) $\frac{220}{307}$ 140

16) $\frac{295}{197}$ 44

17) $\frac{159}{200}$ 162

18) $\frac{310}{66}$ 275

4'00"~ : Need Work

3'30"~4'00" : Acceptable

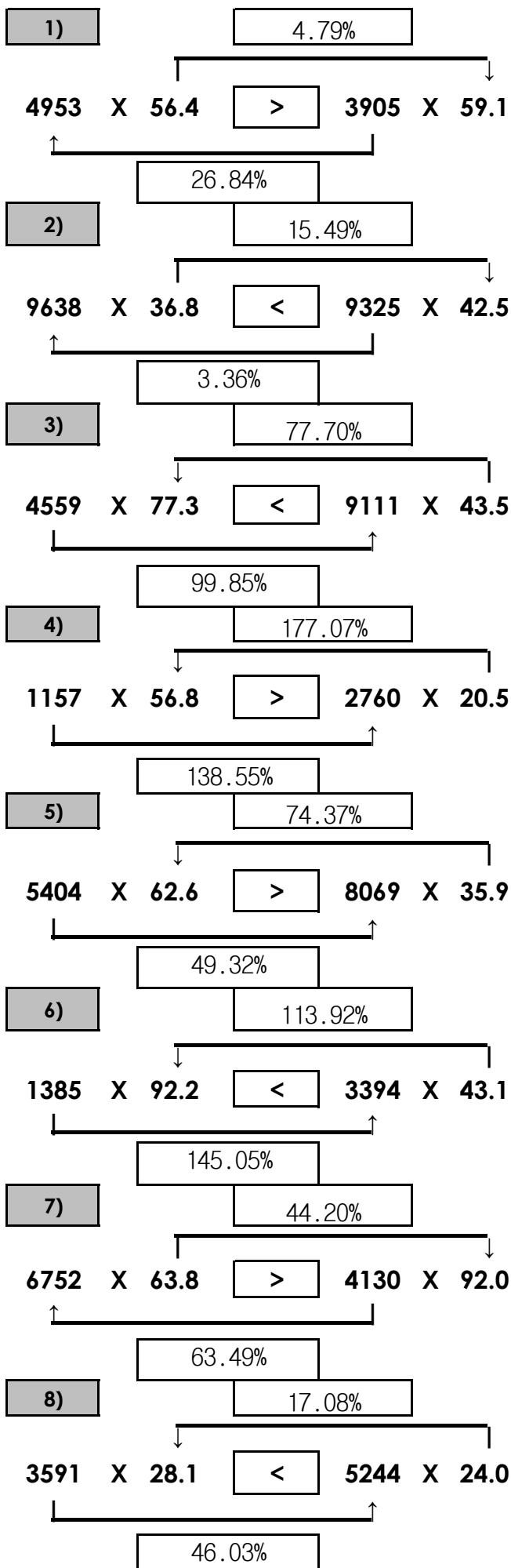
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

28

9)	133	138.35%	317
	89	->	191
	1.494	->	1.660
10)	238	114.61%	324
	165	36.13%	209
	1.442	->	1.550
11)	131	26.67%	103
	308	27.18%	246
	0.425	<-	0.419
12)	96	25.20%	83
	253	15.66%	201
	0.379	<-	0.413
13)	64	6.67%	60
	277	->	288
	0.231	3.97%	0.208
14)	112	27.68%	143
	108	->	142
	1.037	31.48%	1.007
15)	220	57.14%	140
	307	<-	203
	0.717	<-	0.690
16)	295	51.23%	44
	197	570.45%	26
	1.497	<-	1.692
17)	159	657.69%	162
	200	1.89%	196
	0.795	->	0.827
18)	310	2.04%	275
	66	12.73%	62
	4.697	<-	4.435

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민



1) 5090×50.9 4923 \times 67.1

2) 8449×47.0 6398 \times 69.9

3) 8886×48.0 7625 \times 67.6

4) 6609×76.7 4526 \times 99.4

5) 3522×55.6 2268 \times 75.7

6) 5538×15.9 4028 \times 18.0

7) 7990×65.5 7942 \times 80.2

8) 6369×37.4 5110 \times 55.7

[Click here for a new set of problems](#)

9) $\frac{194}{234}$ $\frac{142}{178}$

10) $\frac{298}{343}$ $\frac{137}{147}$

11) $\frac{41}{100}$ $\frac{77}{193}$

12) $\frac{314}{54}$ $\frac{228}{39}$

13) $\frac{165}{199}$ $\frac{285}{307}$

14) $\frac{218}{275}$ $\frac{262}{338}$

15) $\frac{54}{97}$ $\frac{149}{296}$

16) $\frac{220}{123}$ $\frac{324}{169}$

17) $\frac{93}{250}$ $\frac{126}{299}$

18) $\frac{132}{130}$ $\frac{329}{328}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

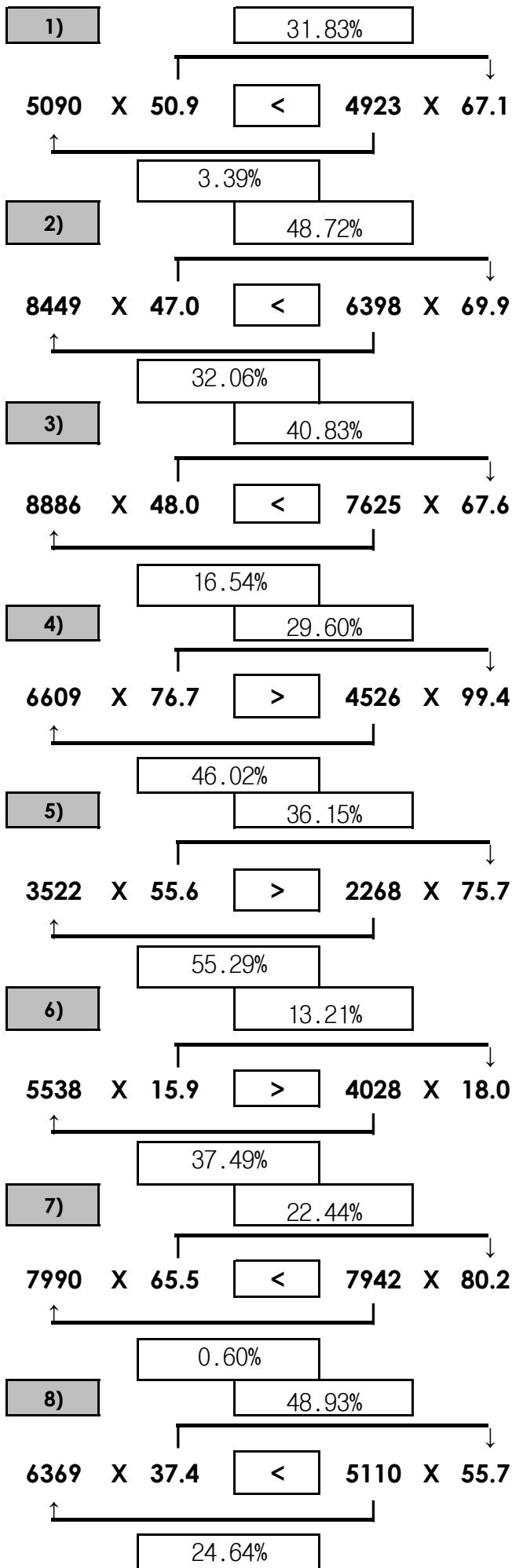
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	194 234 0.829	36.62% <- <- 31.46%	142 178 0.798
10)	298 343 0.869	117.52% <- <- 133.33%	137 147 0.932
11)	41 100 0.410	87.80% -> -> 93.00%	77 193 0.399
12)	314 54 5.815	37.72% <- <- 38.46%	228 39 5.846
13)	165 199 0.829	72.73% -> -> 54.27%	285 307 0.928
14)	218 275 0.793	20.18% -> -> 22.91%	262 338 0.775
15)	54 97 0.557	175.93% -> -> 205.15%	149 296 0.503
16)	220 123 1.789	47.27% -> -> 37.40%	324 169 1.917
17)	93 250 0.372	35.48% -> -> 19.60%	126 299 0.421
18)	132 130 1.015	149.24% -> -> 152.31%	329 328 1.003

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민



1)

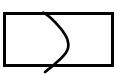
$$7270 \times 71.1$$



$$4380 \times 98.0$$

2)

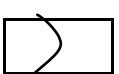
$$7752 \times 94.2$$



$$9376 \times 64.5$$

3)

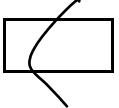
$$5879 \times 60.2$$



$$10050 \times 29.5$$

4)

$$6392 \times 88.9$$



$$8841 \times 74.6$$

5)

$$3820 \times 92.5$$



$$6950 \times 65.0$$

6)

$$3380 \times 36.0$$



$$2022 \times 68.7$$

7)

$$6934 \times 49.5$$



$$4836 \times 58.9$$

8)

$$1737 \times 87.1$$



$$5601 \times 30.8$$

9)

$$\begin{array}{r} 152 \\ \hline 211 \end{array}$$



$$\begin{array}{r} 249 \\ \hline 331 \end{array}$$

10)

$$\begin{array}{r} 327 \\ \hline 276 \end{array}$$



$$\begin{array}{r} 282 \\ \hline 217 \end{array}$$

11)

$$\begin{array}{r} 256 \\ \hline 307 \end{array}$$



$$\begin{array}{r} 313 \\ \hline 330 \end{array}$$

12)

$$\begin{array}{r} 138 \\ \hline 339 \end{array}$$



$$\begin{array}{r} 99 \\ \hline 241 \end{array}$$

13)

$$\begin{array}{r} 180 \\ \hline 235 \end{array}$$



$$\begin{array}{r} 179 \\ \hline 201 \end{array}$$

14)

$$\begin{array}{r} 229 \\ \hline 309 \end{array}$$



$$\begin{array}{r} 206 \\ \hline 284 \end{array}$$

15)

$$\begin{array}{r} 324 \\ \hline 241 \end{array}$$



$$\begin{array}{r} 178 \\ \hline 150 \end{array}$$

16)

$$\begin{array}{r} 240 \\ \hline 297 \end{array}$$



$$\begin{array}{r} 182 \\ \hline 209 \end{array}$$

17)

$$\begin{array}{r} 224 \\ \hline 131 \end{array}$$



$$\begin{array}{r} 325 \\ \hline 171 \end{array}$$

18)

$$\begin{array}{r} 275 \\ \hline 182 \end{array}$$



$$\begin{array}{r} 309 \\ \hline 223 \end{array}$$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

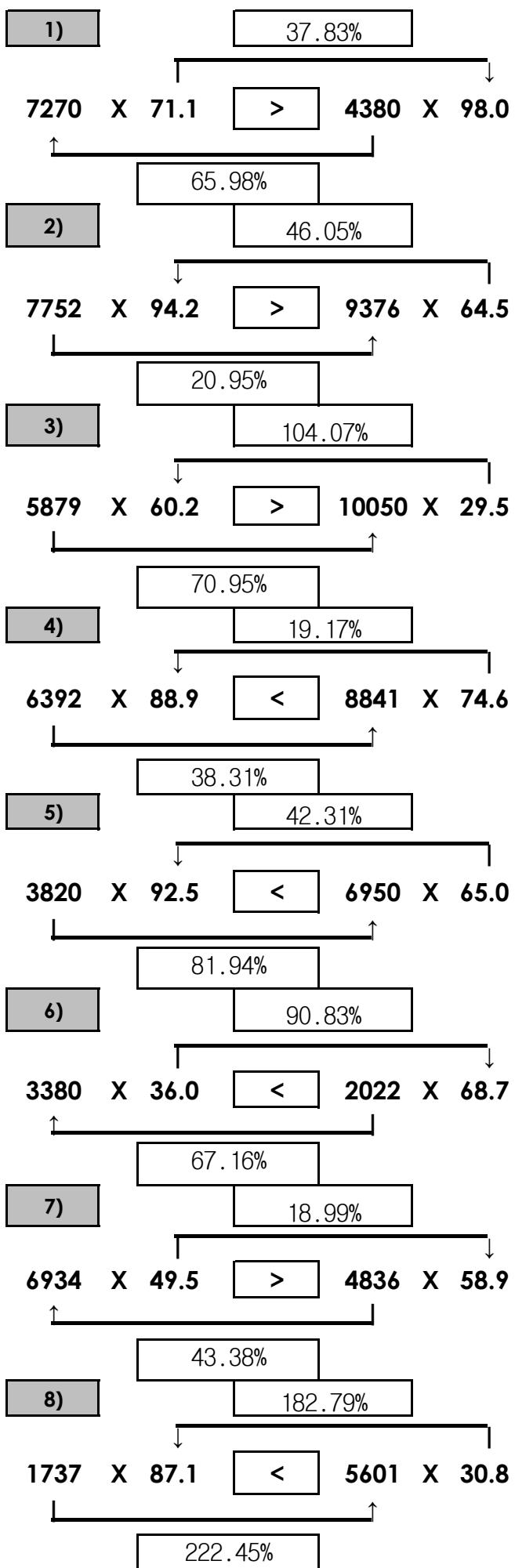
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

9)	$\frac{152}{211}$	63.82% -> ->	249 331 0.752
10)	$\frac{327}{276}$	56.87% 15.96% <- <-	282 217 1.300
11)	$\frac{256}{307}$	27.19% 22.27% -> ->	313 330 0.948
12)	$\frac{138}{339}$	7.49% 39.39% -< -<	99 241 0.411
13)	$\frac{180}{235}$	40.66% 0.56% -< -<	179 201 0.891
14)	$\frac{229}{309}$	16.92% 11.17% -< -<	206 284 0.725
15)	$\frac{324}{241}$	8.80% 82.02% -< -<	178 150 1.187
16)	$\frac{240}{297}$	60.67% 31.87% -< -<	182 209 0.871
17)	$\frac{224}{131}$	42.11% 45.09% -> ->	325 171 1.901
18)	$\frac{275}{182}$	30.53% 12.36% -> ->	309 223 1.386

Vitamin M

Multiplication

매일 매일 하나씩, 자료해석 비타민



1) 6897×56.1 7068 \times 48.8

2) 3432×36.5 6491 \times 24.7

3) 1660×93.4 4482 \times 28.6

4) 7019×52.2 8464 \times 34.9

5) 1853×71.6 5285 \times 31.2

6) 4183×47.3 7098 \times 24.4

7) 2188×98.6 8165 \times 33.1

8) 2335×71.0 3432 \times 42.7

[Click here for a new set of problems](#)

9) $\frac{159}{148}$ $\frac{142}{126}$

10) $\frac{240}{59}$ $\frac{284}{74}$

11) $\frac{117}{129}$ $\frac{302}{329}$

12) $\frac{67}{34}$ $\frac{242}{137}$

13) $\frac{291}{258}$ $\frac{293}{228}$

14) $\frac{241}{115}$ $\frac{186}{79}$

15) $\frac{260}{222}$ $\frac{199}{191}$

16) $\frac{186}{105}$ $\frac{155}{96}$

17) $\frac{106}{160}$ $\frac{48}{79}$

18) $\frac{55}{249}$ $\frac{59}{295}$

4'00"~ : Need Work

3'30"~4'00" : Acceptable

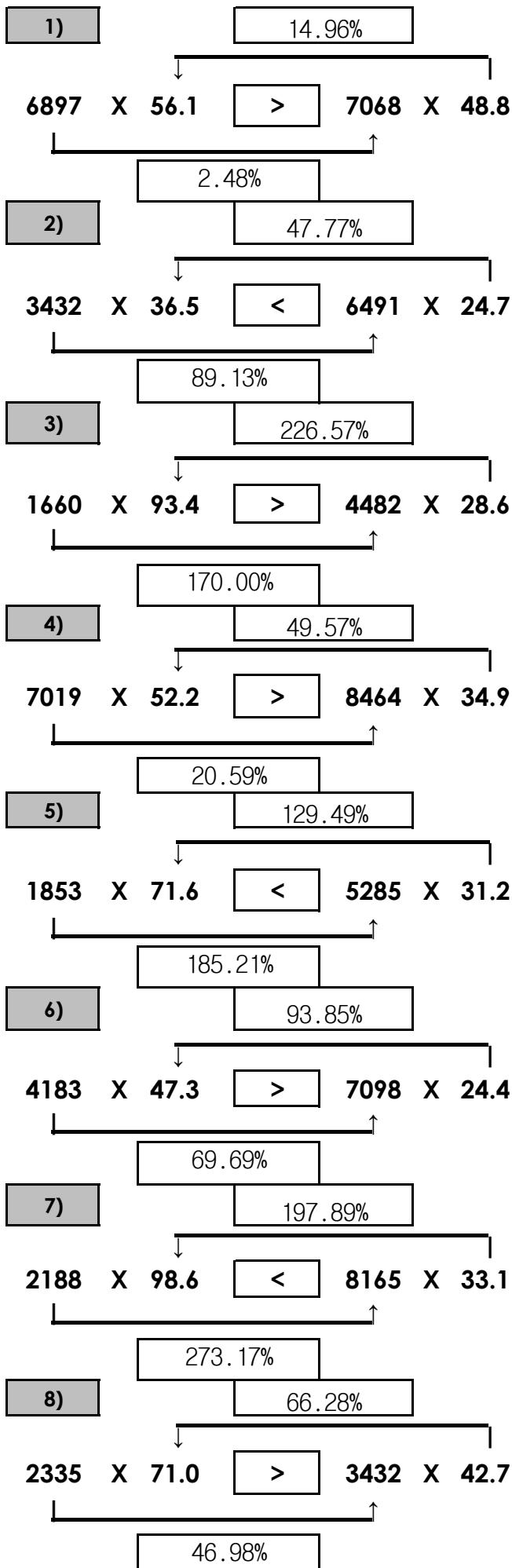
3'00"~3'30" : Average

2'30"~3'00" : good

2'00"~2'30" : Excellent

~2'00" : Superior

Vitamin Multiplication



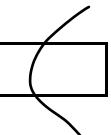
매일 매일 하나씩, 자료해석 비타민

9)	159	11.97%	142
	148	<-	126
	1.074	17.46%	1.127
10)	240	18.33%	284
	59	->	74
	4.068	25.42%	3.838
11)	117	158.12%	302
	129	->	329
	0.907	155.04%	0.918
12)	67	261.19%	242
	34	->	137
	1.971	302.94%	1.766
13)	291	0.69%	293
	258	<-	228
	1.128	13.16%	1.285
14)	241	29.57%	186
	115	<-	79
	2.096	45.57%	2.354
15)	260	30.65%	199
	222	<-	191
	1.171	16.23%	1.042
16)	186	20.00%	155
	105	<-	96
	1.771	9.38%	1.615
17)	106	120.83%	48
	160	<-	79
	0.663	102.53%	0.608
18)	55	7.27%	59
	249	->	295
	0.221	18.47%	0.200

Vitamin Multiplication

2:19

2

1) 8401×53.4 

8270×71.2

2) 6642×34.1 

3232×61.0

3) 6755×22.5 

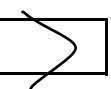
9694×18.1

4) 10004×65.6 

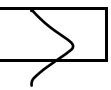
8336×65.6

5) 4016×27.8 

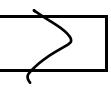
2712×50.3

6) 5261×46.4 

2458×87.6

7) 4414×64.7 

3827×66.4

8) 7647×4.3 

3320×8.2

매일 매일 하나씩, 자료해석 비타민

9) $\frac{124}{93} > \frac{288}{238}$

10) $\frac{218}{275} < \frac{268}{304}$

11) $\frac{176}{270} > \frac{92}{155}$

12) $\frac{146}{106} < \frac{264}{184}$

13) $\frac{211}{50} > \frac{178}{40}$ 44
45

14) $\frac{324}{132} > \frac{308}{183}$

15) $\frac{297}{165} > \frac{125}{66}$ 250
132
78
158

16) $\frac{80}{72} > \frac{231}{190}$

17) $\frac{94}{32} > \frac{175}{53}$

18) $\frac{319}{195} > \frac{85}{45}$

[Click here for a new set of problems](#)

4'00"~ : Need Work

3'30"~4'00" : Acceptable

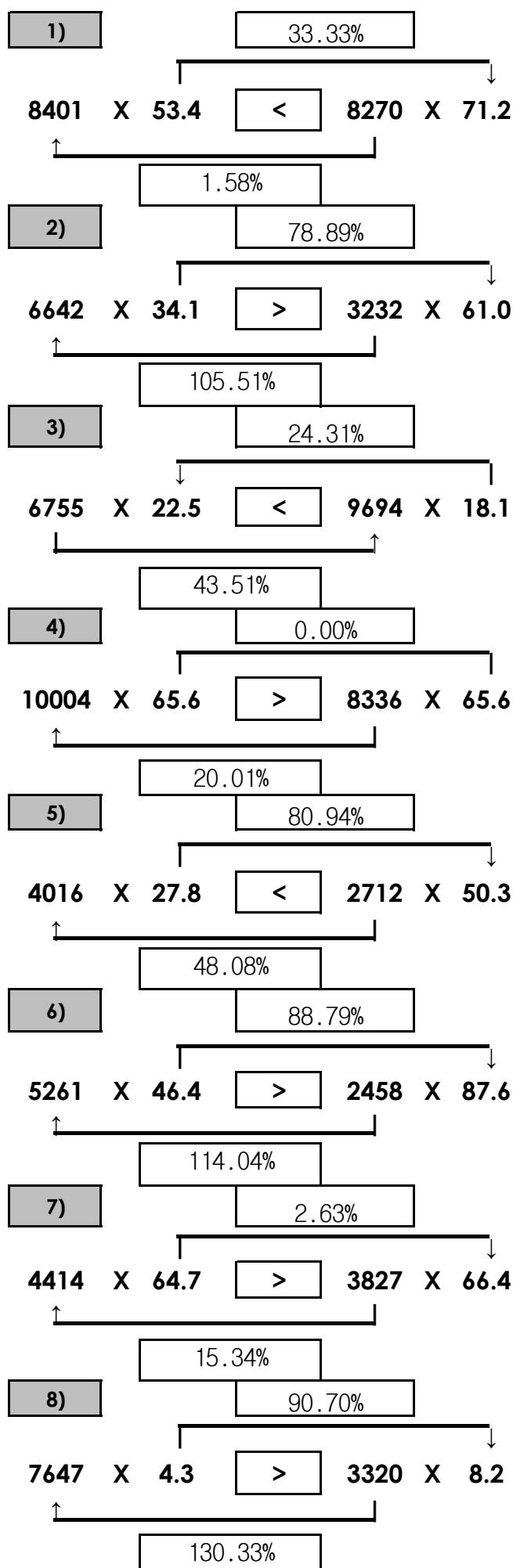
3'00"~3'30" : Average

2'30"~3'00" : good

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Vitamin Multiplication



매일 매일 하나씩, 자료해석 비타민

2
L

9)	124	132.26%	→	288
	93	->		238
	1.333	155.91%		1.210
10)	218	22.94%	→	268
	275	->		304
	0.793	10.55%		0.882
11)	176	91.30%	<-	92
	270	<-		155
	0.652	74.19%		0.594
12)	146	80.82%	→	264
	106	->		184
	1.377	73.58%		1.435
13)	211	18.54%	<-	178
	50	<-		40
	4.220	25.00%		4.450
14)	216	42.59%	→	308
	132	->		183
	1.636	38.64%		1.683
15)	297	137.60%	<-	125
	165	<-		66
	1.800	150.00%		1.894
16)	80	188.75%	→	231
	72	->		190
	1.111	163.89%		1.216
17)	94	86.17%	→	175
	32	->		53
	2.938	65.63%		3.302
18)	319	275.29%	<-	85
	195	<-		45
	1.636	333.33%		1.889