
Do NOT unfold this paper until
the Contest Director
gives you permission to do so!

THE UNIVERSITY INTERSCHOLASTIC LEAGUE

Slide Rule Contest

Number S 20

(Special—Not for official contests)

Conference:

Contestant's Serial Number:

Date of Contest:

Location of Contest:

Contestant's Net Score:.....

1. $7.26 \times 0.391 \times 2.45$ ----- equals _____
2. $0.0837 \times 61.5 \times 4.22$ ----- equals _____
3. $16.6 \times 3.24 \times 1.45 \times 0.378$ ----- equals _____
4. $9.23 \times 0.0617 \times 4.81 \times 18.3$ ----- equals _____
5. $\frac{0.617 \times 3.81}{0.0492}$ ----- equals _____
6. $\frac{6.77 \times 0.0425}{0.182 \times 0.673}$ ----- equals _____
7. $\frac{3.08}{4.21 \times 0.723 \times 2.61}$ ----- equals _____
8. $\frac{2.86 \times 0.617 \times 1.48}{5.06 \times 0.0378}$ ----- equals _____
9. $\frac{0.921 \times 0.0463}{2.81 \times 0.115 \times 0.433}$ ----- equals _____
10. $\frac{308 \times 21.6 \times 0.0243}{6.27 \times 2.05 \times 0.392}$ ----- equals _____
11. $\frac{2.83 \times 5280 \times 0.222 \times 3.67}{18.1 \times 9.27 \times 0.0454}$ ----- equals _____
12. $\frac{8.26 \times 120 \times 392 \times 0.114}{0.217 \times 68.2 \times 37.3 \times 4.25}$ ----- equals _____
13. $\frac{5.09 \times 3.76 \times 0.0822 \times 896}{0.00439 \times 626 \times 0.000392}$ ----- equals _____
14. $\frac{542,000 \times 0.0494 \times 0.0837}{2.68 \times 9.21 \times 37.5 \times 30.6}$ ----- equals _____

15. $\frac{\sqrt{7.15} \times 4.86 \times 192,000}{2.71 \times 839 \times 42.5 \times 21.6}$ ----- equals _____
16. $\frac{5.04 \times \sqrt{0.221} \times 0.000829}{\sqrt{15.2} \times 6.26 \times 28.1 \times 3.97}$ ----- equals _____
17. $\frac{(21.8)^2 \times 0.292 \times 4.86 \times 1.77}{3.94 \times \sqrt{7210} \times 50,600}$ ----- equals _____
18. $0.00397 \times \sqrt{0.228} \times (0.643)^2 \times 9.18$ ----- equals _____
19. $\frac{5.26 \times 0.837 \times 15.6 \times \sqrt{0.0392}}{(67.2)^2 \times 1.06 \times 0.545 \times 202}$ ----- equals _____
20. $\sqrt{6.08 \times 2.11} \times (0.392 \times 0.0514)^2$ ----- equals _____
21. $\frac{7.27 \times (19.2)^2 \times 16.3 \times 0.00479}{0.000826 \times \sqrt{52,800} \times 0.000918}$ ----- equals _____
22. $\sqrt{0.000227 \times 406} \times (0.0886 \times 0.254)^2$ ----- equals _____
23. $\frac{7920 \times 0.000393 \times 281 \times 0.00696}{(3.41 \times 2.79)^2 \times \sqrt{0.949} \times 0.681}$ ----- equals _____
24. $\frac{\sqrt{1560 \times 9210} \times 0.0394 \times 0.662}{2.88 \times 0.492 \times (0.0764)^2 \times 365}$ ----- equals _____
25. $\frac{(8.44)^3 \times 0.927 \times 0.00627}{0.0176 \times \sqrt{21.5} \times 0.0326}$ ----- equals _____
26. $\frac{2.08 \times (63.5 \times 0.0586)^3}{15.4 \times (3.88)^2 \times 0.00762}$ ----- equals _____
27. $\frac{\sqrt{0.00515 \times 2820} \times (0.00482)^3}{3.62 \times 4.98 \times 0.775 \times 6.17}$ ----- equals _____

$$28. \frac{(8.44)^3 \times 0.927 \times 0.00627}{0.0176 \times \sqrt{21.5} \times 0.0326} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$29. \sqrt{\frac{19.2 \times 3.56}{0.725 \times 0.618}} \times \frac{\sqrt[3]{0.00438}}{2.14 \times 6.68} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$30. (21.6 \times 0.0484)^2 \times \sqrt{0.929 \times 6.38} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$31. \frac{(9040 \times 0.0826)^3 \times 716 \times 0.000517}{\sqrt[3]{2.63} \times 0.00792 \times 41.6 \times 83.9} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$32. \left[\frac{17.8 \times 0.524}{0.886 \times 3.28} \right]^2 \times \frac{\sqrt[3]{0.454 \times 62.4}}{0.0446 \times 0.382} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$33. \sqrt[3]{\frac{0.0627}{0.925 \times 3.16}} \times \left[\frac{0.0424 \times 6930}{787 \times 0.00482} \right]^2 \text{ ----- equals } \underline{\hspace{2cm}}$$

$$34. \frac{0.0000864 \times 927,000 \times 0.00667}{37,400 \times 0.00000772 \times 0.000508} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$35. \left[\frac{0.909 \times 36,400}{2.88 \times 0.00564} \right]^2 \times \frac{\sqrt{3.77 \times 6.49}}{0.0792 \times 4.68} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$36. \frac{\sqrt{82.6 \times 3.46 \times 0.0876 \times 0.00474}}{2.68 \times 4.79 \times (0.882 \times 0.476)^2} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$37. \sqrt[3]{\frac{0.876}{526,000}} \times \frac{(3.79 \times 499)^2 \times 0.871}{0.00692 \times 0.00376} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$38. \frac{\pi \times 823 \times 466}{0.0867 \times 346,000} \times \frac{\sqrt{0.776 \times 34.2}}{0.000000667} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$39. \frac{(2.05 \times 12.5)^3 \times \pi \times \sqrt{39 \times 76}}{(0.426 \times 2.86 \times 24)^2 \times 0.00808} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$28. \frac{(8.44)^3 \times 0.927 \times 0.00627}{0.0176 \times \sqrt{21.5} \times 0.0326} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$29. \sqrt{\frac{19.2 \times 3.56}{0.725 \times 0.618}} \times \frac{\sqrt[3]{0.00438}}{2.14 \times 6.68} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$30. (21.6 \times 0.0484)^2 \times \sqrt{0.929 \times 6.38} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$31. \frac{(9040 \times 0.0826)^3 \times 716 \times 0.000517}{\sqrt[3]{2.63} \times 0.00792 \times 41.6 \times 83.9} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$32. \left[\frac{17.8 \times 0.524}{0.886 \times 3.28} \right]^2 \times \frac{\sqrt[3]{0.454 \times 62.4}}{0.0446 \times 0.382} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$33. \sqrt[3]{\frac{0.0627}{0.925 \times 3.16}} \times \left[\frac{0.0424 \times 6930}{787 \times 0.00482} \right]^2 \text{ ----- equals } \underline{\hspace{2cm}}$$

$$34. \frac{0.0000864 \times 927,000 \times 0.00667}{37,400 \times 0.00000772 \times 0.000508} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$35. \left[\frac{0.909 \times 36,400}{2.88 \times 0.00564} \right]^2 \times \frac{\sqrt{3.77 \times 6.49}}{0.0792 \times 4.68} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$36. \frac{\sqrt{82.6 \times 3.46 \times 0.0876 \times 0.00474}}{2.68 \times 4.79 \times (0.882 \times 0.476)^2} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$37. \sqrt[3]{\frac{0.876}{526,000}} \times \frac{(3.79 \times 499)^2 \times 0.871}{0.00692 \times 0.00376} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$38. \frac{\pi \times 823 \times 466}{0.0867 \times 346,000} \times \frac{\sqrt{0.776 \times 34.2}}{0.000000667} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$39. \frac{(2.05 \times 12.5)^3 \times \pi \times \sqrt{39 \times 76}}{(0.426 \times 2.86 \times 24)^2 \times 0.00808} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$50. \frac{\sqrt{0.267 \times \pi^3 \times \sqrt[3]{3.14}} \times 0.0000886}{14.2 \times 0.116 \times 3.75 \times 1.69 \times 2.45} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$51. \left[\frac{12.7 \times 0.0000481}{0.627 \times 0.0927} \right]^3 \times \frac{2,430,000,000}{(27.2 \times 788)^2} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$52. \frac{0.0647 \times 3.22 \times 28 \times 426 \times 3.89}{(67.4 \times 0.866 \times 5280 \times \pi \times 12)^2} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$53. \frac{\sqrt{(7.07 \times 4.06 \times 3.29)^3} \times 0.000463}{\pi^2 \times 0.727 \times 0.493 \times 6.87 \times 3.04} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$54. \sqrt[3]{\frac{2.69}{0.473}} \times \frac{(0.452 \times \sqrt[3]{\pi} \times 0.0696)^2}{0.269 \times 0.707 \times 0.0336} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$55. \sqrt{\frac{\sqrt{0.226 \times 0.493}}{0.00463 \times 0.00271}} \times \frac{9.76 \times \pi^3}{367 \times 422} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$56. \frac{54.3 \times \sqrt[3]{0.629 \times 3.81} \times 0.00676}{0.0000206 \times 37.6 \times 1.79 \times 3.42} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$57. \sqrt{\frac{\left[\frac{1.79 \times 3.42}{6.09 \times 2.43} \right]^3}{0.00499 \times 3.68}} \times \frac{(4.73 \times 0.0616)^2}{0.0522 \times 0.0617} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$58. \frac{\sqrt{\sqrt[3]{\pi} \times 4.77 \times (2.54 \times 37,600)^2}}{1.66 \times 3.82 \times 0.54 \times 2.73 \times 1.08} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$59. \left[\frac{0.297}{0.882} \right]^3 \times \frac{\pi^2 \times 0.0476 \times 0.883}{\sqrt{\frac{4.26 \times 0.00397}{0.00182 \times 0.636}}} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$60. \sqrt{\frac{2.54 \times 2.83}{\sqrt{\frac{1.79 \times 4.21}{0.366 \times 0.714}}}} \times \frac{1.75 \times 42,600}{\left[\frac{2.34}{5.62}\right]^3 \times 0.392 \times 0.446} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$61. \left[\frac{\left[\frac{3.74}{2.68}\right]^2}{0.0617}\right]^2 \times \left[\frac{\pi^3}{8}\right]^3 \times \frac{\sqrt{\frac{63 \times 81}{173 \times 264}}}{365 \times 2700} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$62. \frac{\sqrt[3]{0.000437 \times \pi^2 \times 26.7 \times 493,000}}{(27.4 \times 16.8 \times 3.15)^2 \times \sqrt{724 \times 335}} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$63. \left[\frac{(0.712 \times 3.46)^3}{\left[\frac{0.617 \times 0.422}{7 \times 29 \times 46.5}\right]^2}\right]^2 \times \frac{\sqrt{26.4 \times 32}}{\frac{\sqrt[3]{\pi} \times 0.443}{607 \times 0.00339}} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$64. \left[\frac{\left[\frac{9 \times 614}{0.00437}\right]^3}{0.00000712}\right]^2 \times \frac{\sqrt{\frac{0.0617}{423,000} \times \frac{47 \times 26}{32 \times 91}}}{0.00478 \times 0.007 \times 88} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$65. \frac{\sqrt{\frac{(92.9 \times 3.62)^3 \times 0.196 \times 0.0443}{0.792 \times 307,000 \times 2.68 \times 1.44}}}{\left[\frac{16.7 \times 0.0000408}{0.0317 \times 16 \times 2.8}\right]^2 \times \frac{\pi}{3} \times \sqrt{\sqrt{27,300}}} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$66. \frac{\sqrt{\sqrt{\frac{2.79 \times 66}{0.0492 \times 386}}}}{\left[(0.427 \times 0.816)^3\right]^3} \times \frac{\left[\frac{1.29 \times 3.42}{6.77 \times 8.36}\right]^2}{0.486 \times 0.337} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$67. \frac{\sqrt[3]{\frac{\pi^2}{366}} \times \left[\frac{4.29 \times 3.66}{2.94 \times 8.35}\right]^3 \times \left[\left[(0.424)^2\right]^2\right]^2}{(0.00492 \times 367 \times 0.0217 \times 12 \times 0.225)^2} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$68. \frac{\left[\frac{\left[\frac{367}{428} \right]^2}{0.276} \right]^2}{0.455} \times \frac{\left[\frac{\pi}{6} \right]^3 \times \sqrt{\frac{2.14 \times 6.82}{0.0362 \times 0.479}}}{\frac{976,000 \times 0.114 \times 2.68}{38.2 \times 971 \times 26 \times 72}} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$69. \sqrt{\frac{0.0339}{\sqrt{\sqrt{\frac{0.418}{0.0627}}}}} \times \left[\frac{218}{\left[\frac{\pi}{2} \right]^2} \right]^2 \times \left[\frac{362 \times 491}{\frac{727 \times 524}{615 \times 308}} \right]^3 \text{ - equals } \underline{\hspace{2cm}}$$

$$70. \frac{\sqrt{\sqrt{\frac{0.00492}{2.87 \times 3.16}}} \times \sqrt[3]{\frac{47}{0.816}} \times \frac{3.62 \times 4.45}{0.00000336}}{\left[(19.7 \times 0.0405)^2 \times \sqrt[3]{\pi} \times 36,400,000 \right]^2} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$71. \frac{\left[\frac{\sqrt[3]{2.68 \times 3.49}}{\left[\frac{4.28 \times 0.116}{0.492 \times 3.47} \right]^2} \right]^2 \times \frac{\sqrt[3]{\pi} \times 1.48 \times 3.76}{\sqrt{\sqrt{\frac{1.57 \times 0.00216}{0.0392 \times 0.876}}}}}{\hspace{10em}} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$72. \frac{\left[\frac{\left[\frac{3.82}{4.79} \right]^3 \times \left[\frac{\pi}{3} \right]^2 \times \frac{4.76 \times 39 \times 0.216}{0.445 \times 3.72 \times 57}}{\hspace{10em}} \right]^2}{\sqrt{\sqrt{\sqrt{\frac{3.14}{0.0617} \times \frac{2.88 \times 3.92}{0.000000372} \times \frac{7.4 \times 362}{886 \times 419}}}}} \text{ ---- equals } \underline{\hspace{2cm}}$$

$$73. \sqrt[3]{\frac{\left[\frac{4.98}{3.72} \right]^2}{2.83 \times 1.74}} \times \frac{\frac{\pi^3}{6} \times \left[\frac{1.73 \times 25 \times 2.6}{0.0279 \times 0.454} \right]^2}{0.00875 \times 3.6 \times 2.94} \text{ ----- equals } \underline{\hspace{2cm}}$$

$$74. \sqrt{\frac{\sqrt{\frac{0.396 \times 1.77}{0.0424 \times 0.363}}}{\left[\frac{2.81}{3.76} \right]^3 \times \sqrt{\frac{2.87}{0.0443}}} \times \frac{\frac{27 \times 38 \times 52}{61 \times 78 \times 36}}{\left[\frac{0.816 \times 0.443}{0.504 \times 0.216} \right]^2} \text{ ---- equals } \underline{\hspace{2cm}}$$

$$75. \frac{\sqrt{\frac{2.67 \times 3.82 \times 4.26 \times 8.72 \times 3.81}{0.000469 \times 727 \times 3130 \times 0.492}}}{\left[\left[(4.28 \times 2.74)^2 \times (2.91 \times 3.38)^3 \times 1.67 \right]^2 \right]^2} \text{ - equals } \underline{\hspace{2cm}}$$

1.	6.95	(6.93	to	6.97)
2.	2.17×10^1	$(2.15 \times 10^1$	to	$2.19 \times 10^1)$
3.	2.95×10^1	$(2.93 \times 10^1$	to	$2.97 \times 10^1)$
4.	5.01×10^1	$(4.99 \times 10^1$	to	$5.03 \times 10^1)$
5.	4.78×10^1	$(4.76 \times 10^1$	to	$4.80 \times 10^1)$
6.	2.35	(2.33	to	2.37)
7.	3.88×10^{-1}	$(3.86 \times 10^{-1}$	to	$3.90 \times 10^{-1})$
8.	1.37×10^1	$(1.35 \times 10^1$	to	$1.39 \times 10^1)$
9.	3.05×10^{-1}	$(3.03 \times 10^{-1}$	to	$3.07 \times 10^{-1})$
10.	3.21×10^1	$(3.19 \times 10^1$	to	$3.23 \times 10^1)$
11.	1.60×10^3	$(1.58 \times 10^3$	to	$1.62 \times 10^3)$
12.	1.89×10^1	$(1.87 \times 10^1$	to	$1.91 \times 10^1)$
13.	1.31×10^6	$(1.29 \times 10^6$	to	$1.33 \times 10^6)$
14.	7.91×10^{-2}	$(7.89 \times 10^{-2}$	to	$7.93 \times 10^{-2})$
15.	1.20	(1.18	to	1.22)
16.	7.21×10^{-7}	$(7.19 \times 10^{-7}$	to	$7.23 \times 10^{-7})$
17.	7.05×10^{-5}	$(7.03 \times 10^{-5}$	to	$7.07 \times 10^{-5})$
18.	7.19×10^{-3}	$(7.17 \times 10^{-3}$	to	$7.21 \times 10^{-3})$
19.	2.58×10^{-5}	$(2.56 \times 10^{-5}$	to	$2.60 \times 10^{-5})$
20.	1.45×10^{-3}	$(1.43 \times 10^{-3}$	to	$1.47 \times 10^{-3})$
21.	1.20×10^6	$(1.18 \times 10^6$	to	$1.22 \times 10^6)$
22.	1.54×10^{-4}	$(1.52 \times 10^{-4}$	to	$1.56 \times 10^{-4})$
23.	8.37×10^{-2}	$(8.35 \times 10^{-2}$	to	$8.39 \times 10^{-2})$
24.	3.27×10^1	$(3.25 \times 10^1$	to	$3.29 \times 10^1)$
25.	2.37×10^2	$(2.35 \times 10^2$	to	$2.39 \times 10^2)$
26.	6.07×10^1	$(6.05 \times 10^1$	to	$6.09 \times 10^1)$
27.	4.95×10^{-9}	$(4.93 \times 10^{-9}$	to	$4.97 \times 10^{-9})$
28.	2.37×10^2	$(2.35 \times 10^2$	to	$2.39 \times 10^2)$
29.	1.41×10^{-1}	$(1.39 \times 10^{-1}$	to	$1.43 \times 10^{-1})$
30.	2.66	(2.64	to	2.68)
31.	4.04×10^6	$(4.02 \times 10^6$	to	$4.06 \times 10^6)$
32.	1.84×10^3	$(1.82 \times 10^3$	to	$1.86 \times 10^3)$
33.	1.67×10^3	$(1.65 \times 10^3$	to	$1.69 \times 10^3)$
34.	3.64×10^3	$(3.62 \times 10^3$	to	$3.66 \times 10^3)$
35.	5.54×10^{13}	$(5.52 \times 10^{13}$	to	$5.56 \times 10^{13})$
36.	1.52×10^{-1}	$(1.50 \times 10^{-1}$	to	$1.54 \times 10^{-1})$
37.	1.42×10^9	$(1.40 \times 10^9$	to	$1.44 \times 10^9)$
38.	3.10×10^8	$(3.08 \times 10^8$	to	$3.12 \times 10^8)$
39.	4.17×10^5	$(4.15 \times 10^5$	to	$4.19 \times 10^5)$
40.	1.35×10^3	$(1.33 \times 10^3$	to	$1.37 \times 10^3)$
41.	3.76×10^4	$(3.74 \times 10^4$	to	$3.78 \times 10^4)$
42.	9.50×10^{-1}	$(9.48 \times 10^{-1}$	to	$9.52 \times 10^{-1})$
43.	2.40×10^{-3}	$(2.38 \times 10^{-3}$	to	$2.42 \times 10^{-3})$
44.	7.74×10^6	$(7.72 \times 10^6$	to	$7.76 \times 10^6)$
45.	6.61×10^{-5}	$(6.59 \times 10^{-5}$	to	$6.63 \times 10^{-5})$
46.	7.35×10^2	$(7.33 \times 10^2$	to	$7.37 \times 10^2)$
47.	1.81×10^{-2}	$(1.79 \times 10^{-2}$	to	$1.83 \times 10^{-2})$
48.	2.95×10^{-7}	$(2.93 \times 10^{-7}$	to	$2.97 \times 10^{-7})$
49.	4.25×10^{-2}	$(4.23 \times 10^{-2}$	to	$4.27 \times 10^{-2})$
50.	1.21×10^{-5}	$(1.19 \times 10^{-5}$	to	$1.23 \times 10^{-5})$
51.	6.14×10^{-6}	$(6.12 \times 10^{-6}$	to	$6.16 \times 10^{-6})$
52.	7.16×10^{-11}	$(7.14 \times 10^{-11}$	to	$7.18 \times 10^{-11})$
53.	5.75×10^{-3}	$(5.73 \times 10^{-3}$	to	$5.77 \times 10^{-3})$
54.	5.93×10^{-1}	$(5.91 \times 10^{-1}$	to	$5.95 \times 10^{-1})$
55.	3.19×10^{-1}	$(3.17 \times 10^{-1}$	to	$3.21 \times 10^{-1})$
56.	1.04×10^2	$(1.02 \times 10^2$	to	$1.06 \times 10^2)$
57.	5.18×10^1	$(5.16 \times 10^1$	to	$5.20 \times 10^1)$
58.	2.39×10^9	$(2.37 \times 10^9$	to	$2.41 \times 10^9)$
59.	4.14×10^{-3}	$(4.12 \times 10^{-3}$	to	$4.16 \times 10^{-3})$
60.	1.36×10^6	$(1.34 \times 10^6$	to	$1.38 \times 10^6)$
61.	1.97×10^{-2}	$(1.95 \times 10^{-2}$	to	$1.99 \times 10^{-2})$
62.	2.32×10^{-4}	$(2.30 \times 10^{-4}$	to	$2.34 \times 10^{-4})$
63.	3.56×10^{22}	$(3.54 \times 10^{22}$	to	$3.58 \times 10^{22})$
64.	4.39×10^{45}	$(4.37 \times 10^{45}$	to	$4.41 \times 10^{45})$
65.	1.91×10^5	$(1.89 \times 10^5$	to	$1.93 \times 10^5)$
66.	3.21×10^1	$(3.19 \times 10^1$	to	$3.23 \times 10^1)$
67.	7.32×10^{-3}	$(7.30 \times 10^{-3}$	to	$7.34 \times 10^{-3})$
68.	1.42×10^3	$(1.40 \times 10^3$	to	$1.44 \times 10^3)$
69.	7.83×10^{17}	$(7.81 \times 10^{17}$	to	$7.85 \times 10^{17})$
70.	1.25×10^{-9}	$(1.23 \times 10^{-9}$	to	$1.27 \times 10^{-9})$
71.	9.02×10^3	$(9.00 \times 10^3$	to	$9.04 \times 10^3)$
72.	5.42×10^{-3}	$(5.40 \times 10^{-3}$	to	$5.44 \times 10^{-3})$
73.	3.14×10^9	$(3.12 \times 10^9$	to	$3.16 \times 10^9)$
74.	4.00×10^{-2}	$(3.98 \times 10^{-2}$	to	$4.02 \times 10^{-2})$
75.	7.27×10^{-22}	$(7.25 \times 10^{-22}$	to	$7.29 \times 10^{-22})$

Note: If any error is found in this key, grade by Correct answer. The state Office will appreciate a report of any error found.