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計　算　題（解答）

1. $82+93+100+107+218 = 600$

2. $87\times8+25\times6+38\times8+12\times6 = 1222$

3. $7\times9\times11\times13\times101 = 909909$

4. $98\times102\times10004 = 99999984$

5. $2006\times225\div17-2006\times125\div85 = 23600$

6. $1-2+2\times2-2\times2\times2+2\times2\times2\times2-2\times2\times2\times2\times2+2\times2\times2\times2\times2\times2-2\times2\times2\times2\times2\times2\times2+2\times2\times2\times2\times2\times2\times2\times2 = 171$

7. $(2+4+6+8+\cdots+2006)-(1+3+5+7+\cdots+2005) = 1003$

8. $8+88+888+8888+88888+888888+8888888+88888888+888888888+8888888888+88888888888 = 98765432088$

9. $\dfrac{64\times64\times64+36\times36\times36}{64\times64+36\times36-64\times36} = 100$

10. $37\dfrac{3}{5}\times48\dfrac{2}{5}+62\dfrac{2}{5}\times28\dfrac{2}{5} = 3592$

11. $43.2\times8.2+5.57\times18+125\times0.12 = 469.5$

12. $12.23+24.46\times0.526\times\dfrac{1}{4}+0.526\times24.46\times0.75-24.46\times0.25\times0.526\times4 = 12.23$

13. $\left(\dfrac{1}{2}-\dfrac{1}{6}\right)+\left(\dfrac{1}{4}-\dfrac{1}{12}\right)+\left(\dfrac{1}{14}-\dfrac{1}{24}\right)+\left(\dfrac{1}{28}-\dfrac{1}{48}\right)+\left(\dfrac{1}{56}-\dfrac{1}{96}\right) = \dfrac{53}{96}$

14. $\left(14\dfrac{2}{5}+26\dfrac{2}{7}+36\dfrac{4}{9}\right)\div\left(1\dfrac{4}{5}+3\dfrac{2}{7}+4\dfrac{5}{9}\right) = 8$

15. $\dfrac{246369}{321963}\times\dfrac{231693}{369246}\times\dfrac{642321}{462693} = \dfrac{2001}{3002}$

16. $\dfrac{2}{3+\dfrac{2}{3+\dfrac{2}{3+\dfrac{2}{3+\frac{2}{3}}}}} = \dfrac{278}{495}$

17. $1+\frac{1}{2}\times\left[\frac{1}{3}\div\left(\frac{1}{4}-\frac{1}{6}\right)\div\frac{1}{7}\times\frac{1}{8}-\frac{1}{2}\right] = \dfrac{5}{2}$

18. $\dfrac{0.25+\frac{3}{4}+9\frac{5}{8}\div 0.875\times 0.25}{43.75-8\frac{1}{3}\times 4\frac{1}{5}} = \dfrac{3}{7}$

19. $10\frac{1}{1024}-9\frac{1}{512}+8\frac{1}{256}-7\frac{1}{128}+6\frac{1}{64}-5\frac{1}{32}+4\frac{1}{16}-3\frac{1}{8}+2\frac{1}{4}-1\frac{1}{2} = 4\dfrac{683}{1024}$

20. $\frac{1}{2\times 4}+\frac{1}{4\times 6}+\frac{1}{6\times 8}+\frac{1}{8\times 10}+\ldots+\frac{1}{2002\times 2004}+\frac{1}{2004\times 2006} = \dfrac{501}{2006}$