1.42) $90+91+92+93+94+95+96+97+98+99$

$(90 \cdot 10) + (1+2+\cdots+9)$

$900 + 45 = \boxed{945}$

1.43) 2400

1.44) $3(101+103+105+107+109+111+113+115+117+119)$

220

$220(5)(3) = 3300$

1.45) $((1\cdot2)+(3\cdot4)-(5\cdot6)+(7\cdot8)) \cdot (9\cdot0)$

0

1.46) $42+7-6\cdot6+3\cdot(-1)\cdot 0 - (\cdots)\cdot 0$

$42+7-36$

$\boxed{13}$ $\quad 0 \quad 0$

1.47) $(185+378+579) - (85+178+279)$

$100+200+300 = \boxed{600}$

1.48) ~~11~~ $-15+11+$~~15~~$+11-$~~15~~$(-11)-15$

$22-30 = \boxed{-8}$

1.49) $6(25-98-19+98)$

$6(6) = \boxed{36}$

1.50) $1(-3+5)(-7+9)(-11+13)(-15+17)(-19+21)(-23+25)$

$2 + 2 + 2 + 2 + 2 + 2$

13

1.51) $693 \cdot 1587 - 692 \cdot 1587$

$1587(693 - 692)$

1587

1.52) $(-20)((-3)(-15) - (-6)(3))$

$(-20)(45 + 18)$

$-(20 \cdot 63)$

$-(1260)$

-1260

1.53)

$4(299) + 3(299) + 2(299) + 299 - 1$

$299(4 + 3 + 2 + 1) - 1$

$299(10) - 1$

$2990 - 1 =$ 2989

1.54)

$40 \cdot \frac{1}{8} + 40 \div \frac{1}{8} + 40 \cdot \frac{1}{5} + 40 \div \frac{1}{5}$

$40 \cdot \frac{1}{8} + 40(8) + 40 \cdot \frac{1}{5} + 40(5)$

$5 + 320 + 8 + 200$

533

1.55) $(6 \div (-3))(4 - 12)$

$(-2)(-8)$

16

16

1.56)

$(-13) + (-13) \div (-13) \cdot (-13) - (-13)$

$-13 + \quad -13 \quad + 13$

-13

1.57) $123,123 \div 1001$

$(100100 + 23,023) \div 1001$

$\frac{100100}{1001} + \frac{23,023}{1001} = 100 + \frac{20,020}{1001} + \frac{3,003}{1001}$

$100 + 20 + 3 = 123$

123

También, $123,123 = 123,000 + 123$

$= 123(1000) + 123 \cdot 1$

$= 123(1000 + 1)$

$= 123(1001)$

1.58) $2 \cdot 3 \cdot \frac{1}{4} \cdot \frac{1}{9} = 2 \cdot \frac{1}{4} \cdot 3 \cdot \frac{1}{9} = \frac{1}{2} \cdot \frac{1}{3} = \frac{1}{6}$

6

1.59) $\frac{1}{2} \div \frac{1}{6} = \frac{1}{2} \cdot 6 = \frac{6}{2} = 3$

1.60) $(3 \cdot 4) \div \left(\frac{1}{5} \cdot \frac{1}{6}\right) = 12 \div \left(\frac{1}{30}\right)$

$= 12 \cdot 30$

$= 360$

$$\begin{array}{r} 1 \\ 2 \\ 251 \\ \times 125 \\ \hline 1255 \\ 1502 \\ 251 \\ \hline 31375 \end{array}$$

1.61) $2 + 4 + \cdots + 500$

$2(1 + 2 + \cdots + 250)$

$2(31375) \div 31375 = 2$

2

$1 + 2 + \cdots + 250 = \frac{250(251)}{2}$

$125(251)$

31375

1.62) $200 \div 10 \div 2 = 200 \cdot \frac{1}{10} \cdot \frac{1}{2} = 10$ (10)

No, because 10 is not a number in the expression.