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) $\Big(\big((1 \cdot 2) + (3 \cdot 4)\big) - \big((5 \cdot 6) + (7 \cdot 8)\big)\Big) \cdot (9 \cdot 0)$

$$0$$

1.46)
$42 + 7 - 6 \cdot 6 + 3 \cdot (-1) \cdot 0 - (\cdots) \cdot 0,$
$42 + 7 - 36$

$\boxed{13}$ 0   0

1.47)

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

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

1.48)

$$\cancel{X} - 15 + 11 + \cancel{6} + 11 \cancel{-15} \; (\cancel{-11}) - 15$$

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

1.49) $6(23 - 48 - 19 + 98)$

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

1.50)

$$1 \underbrace{-3 + 5} \underbrace{-7 + 9} \underbrace{-11 + 13} \underbrace{-15 + 17} \underbrace{-19 + 21} \underbrace{-23 + 25}$$

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

(13)

1.51)

$$693 \cdot 1587 - 692 \cdot 1587$$

$$1587 (693 - 692)$$

(1587)

1.52)

$$(-20) \left((-3)(-15) - (-6)(3) \right)$$

$$(-20) \left(45 + 18 \right)$$

$$- (20 \cdot 63)$$

$$- (1260)$$

(-1260)

1.53)

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

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

$$299 (10) - 1$$

$$2990 - 1 = \boxed{2989}$$

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)

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

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

$\boxed{-13}$

1.57)

$123{,}123 \div 1001$

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

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

$100 + 20 + 3 = 123$

$\boxed{123}$

También, $123{,}123 = 123{,}000 + 123$

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

$= 123(1000 + 1)$

$= \boxed{123}(1001)$

1.58)

$2 \cdot 3 \cdot \dfrac{1}{4} \cdot \dfrac{1}{9} = 2 \cdot \dfrac{1}{4} \cdot 3 \cdot \dfrac{1}{9} = \dfrac{1}{2} \cdot \dfrac{1}{3} = \dfrac{1}{6}$

$\boxed{6}$

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

1.60)

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

$= 12 \cdot 30$

$= \boxed{360}$

$$
\begin{array}{r}
\overset{1}{}\;\overset{2}{} \\
251 \\
\times\,125 \\
\hline
1255 \\
{}^{1}502 \\
251 \\
\hline
31375
\end{array}
$$

1.61)

$2 + 4 + \cdots + 500$

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

$2(31375) \div 31375 = 2$

$\boxed{2}$

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

$125(251)$

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.