16.(5)

$18\frac{1}{3} \times (\frac{10}{33} \div 2)$

解: 原式 $= 18\frac{1}{3} \times (\frac{10^5}{33} \times \frac{1}{2})$

$= 18\frac{1}{3} \times \frac{5}{33}$

$= \frac{55}{3} \times \frac{5}{33_3}$

$= \frac{5}{3} \times \frac{5}{3} = \frac{25}{9}$

$18 \times 3 = 54$

$18\frac{1}{3} = \frac{18\times3+1}{3}$

16.(2) $\frac{7}{9} \div 2\frac{1}{5} - \frac{5}{11} \times \frac{2}{9}$

解: 原式 $= \frac{7}{9} \div \frac{11}{5} - \frac{5}{11} \times \frac{2}{9}$

$= \frac{7}{9} \times \frac{5}{11} - \frac{5}{11} \times \frac{2}{9}$

$= \frac{5}{11} \times (\frac{7}{9} - \frac{2}{9})$

$= \frac{5}{11} \times \frac{5}{9}$

$= \frac{25}{99}$

$2\frac{1}{5} = \frac{2\times5+1}{5} = \frac{11}{5}$

17.(3) $\dfrac{101-99+97-95+\cdots+5-3+1}{\frac{1}{1\times3}+\frac{1}{3\times5}+\frac{1}{5\times7}+\cdots+\frac{1}{99\times101}}$

解: 原式 $= \dfrac{(101-99)+(97-95)+\cdots+(5-3)+1}{\frac{1}{2}(1-\frac{1}{3}+\frac{1}{3}-\frac{1}{5}+\frac{1}{5}-\frac{1}{7}+\cdots+\frac{1}{99}-\frac{1}{101})}$

$= \frac{2\times25+1}{\frac{1}{2}\times\frac{100}{101}}$

$= \frac{51}{\frac{50}{101}} = 51 \times \frac{101}{50} = \frac{5151}{50}$

$= \frac{10302}{100}$

$= 103.02$

$1, 3, 5, 7, \cdots 101$

共有 $(101+1)\div2 = 51$ 个数

101×51

$= (100+1) \times 51$

$= 5100 + 51$

$= 5151$

tips: $11\times51 = 561$

$101\times51 = 5151$

$1001\times51 = 51051$

$11\times23 = 253$

$101\times23 = 2323$

$1001\times23 = 23023$