

基礎ゼミナール
演習問題 1

問題 次の計算をせよ。

(1) $17 - (-3) - (-12 - 18)$

(2) $9 - (-7) + (-4) \times 3 - (-6)$

(3) $(-2) + (-3) \times (-45) - (+90)$

(4) $8 + 5 - (-3) \times 2 + 6 \times (-4)$

(5) $6 - (-15) \div (-20)$

(6) $4 + 6 \div (-2) - (+9)$

(7) $(+20) \times \left(-\frac{1}{4}\right) + \left(-\frac{1}{9}\right) \times (-18)$

(8) $3\frac{2}{5} + \frac{3}{10} \times \left(-\frac{5}{6}\right) - 27$

(9) $\frac{6}{7} \div \frac{3}{14} - \left(-\frac{7}{8}\right) \times \left(-\frac{8}{9}\right)$

(10) $\left(-\frac{1}{2}\right) \times \frac{1}{3} \div \left(-\frac{1}{4}\right) \times 0 - \frac{1}{5}$

(11) $\left(-\frac{1}{4}\right)^3 \div \left(-\frac{1}{8}\right)^2 + (-2)^3 \times \left(-\frac{3}{4}\right)^2$

(12) $(-5)^3 \div 25 \times (-5)^2 \div (-75)$

(13) $(-15) \div (-5) - 100 \div (-5) + (-200) \div 8$

(14) $\{3 - (-5)\} \times \{(-2) \div (-7) - 1\} \div \{36 \div (-7)\}$

(15) $\left(-\frac{1}{2}\right) + \frac{1}{3} \times \left(-1\frac{1}{2}\right) - \frac{2}{3} \div \frac{5}{6}$

(16) $\frac{2}{3} - \left\{8 \times \left(-\frac{3}{2}\right) \div (-6)\right\} + \left(\frac{1}{4} - 1\right)$

(17) $\{(-3)^2 + (-4)^2 - (-5)^2\} \div \left\{\left(-\frac{1}{2}\right) - \left(-\frac{1}{3}\right)^2\right\}$

(18) $(-17) + 9 \times \left(-\frac{2}{3}\right) + (-28) \div 1\frac{3}{4} - 35 \times \left(-2\frac{3}{5}\right)$

(19) $\frac{1}{3} \times \left(-2\frac{1}{7}\right) \div 0.5 - (-5) \div \left(-3\frac{1}{2}\right) \times \left(-4\frac{1}{2}\right)$

(20) $6.3 \div (-4.2) - \left(-\frac{5}{6}\right) \times \left(-\frac{4}{15}\right) + \left(-1\frac{7}{8}\right) \div 4\frac{1}{2}$