

计算能力百题训练

(时间: 90 分钟)

姓名_____分数_____

一、计算题精选(32 题)

$$\frac{2}{3} \div \frac{1}{5} \times \frac{3}{5}$$

$$30 - 12 \div \frac{2}{3}$$

$$\left(\frac{2}{3} + \frac{1}{5}\right) \times \frac{2}{13}$$

$$(1 - 0.5 \times \frac{3}{5}) \div \frac{3}{10}$$

$$\left(\frac{3}{4} - \frac{3}{16}\right) \times \left(\frac{2}{9} + \frac{1}{3}\right)$$

$$\left(\frac{4}{5} - \frac{1}{4}\right) \times \frac{6}{11}$$

$$(2 - 0.6) \div \frac{7}{15}$$

$$\frac{1}{6} + \frac{3}{10} \div \frac{3}{4}$$

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

$$\left(\frac{5}{6} + \frac{3}{4}\right) \times \frac{4}{19} \times 12$$

$$2009 - 900 \div 45 \times 15$$

$$41.5 \div 2.5 \div 4$$

$$7.28 - (1.28 + 0.25)$$

$$\frac{2}{3} + \frac{1}{2} \div \frac{3}{4}$$

$$2 \div \frac{2}{3} - \frac{2}{3} \div 2$$

$$\frac{2}{7} \times \frac{5}{11} + \frac{2}{7} \times \frac{6}{11}$$

$$36 \times \left(\frac{1}{4} + \frac{1}{6} + \frac{5}{12}\right)$$

$$90.5 \times 99 + 90.5$$

$$\frac{7}{9} \times \frac{4}{11} + \frac{4}{11} \times \frac{2}{9}$$

$$1.25 \times 2.5 \times 3.2$$

$$375 + 360 \div 18 \times 25$$

$$2.05 - 0.82 - 0.18$$

$$8.5 - (5.6 + 4.8) \div 1.3$$

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

$$\frac{3}{5} + \frac{4}{11} + \frac{2}{5} + \frac{7}{11} \quad 72 \times \left(\frac{4}{9} + \frac{1}{8} - \frac{1}{18} \right) \quad 16 \times 18 - 120 \div 15 \quad 13 \div \left(\frac{1}{4} + \frac{5}{6} \right) \times \frac{3}{4}$$

$$7.6 - 2.05 \div 0.82 \quad \frac{7}{8} - \frac{5}{17} + \frac{9}{8} - \frac{12}{17} \quad 3.2 \times 2.77 + 0.23 \times 3.2 \quad \frac{2}{9} - \frac{7}{16} \times \frac{2}{9}$$

二、解方程（8题）

$$\mathbf{x} - \frac{2}{5}\mathbf{x} = \mathbf{14} \quad \frac{3}{5} + \frac{1}{4}\mathbf{x} = \frac{17}{20} \quad \frac{x}{4} = 0.3 \quad \mathbf{2x} + 3 \times 1.5 = 10.5$$

$$4\mathbf{X} \div \frac{2}{3} = 6 \quad \mathbf{8: X} = \frac{5}{4} \quad \frac{1}{4x} + \frac{1}{3x} = \frac{1}{24} \quad \mathbf{4x} + 2(8 - x) = 26$$

三、递等式计算（40题）

$$\frac{4}{7} \div \frac{3}{2} + \frac{4}{7} \div 3 \quad \left(1 - \frac{1}{2} - \frac{1}{4} \right) \div \frac{1}{8} \quad \frac{7}{25} \times 101 - \frac{7}{25} \quad \frac{5}{6} \times \left(5 - \frac{2}{3} \right)$$

$$12 \div \left(1 + \frac{1}{3} - \frac{5}{6} \right) \quad \frac{2}{5} \times 4 \div \frac{2}{5} \times 4 \quad 1 \times \frac{1}{100} \div \frac{1}{2000} \times \frac{1}{10} \quad 7 \times \frac{7}{8} + \frac{3}{8}$$

$$\frac{3}{4} + \frac{3}{4} \div 3 + \frac{3}{5} \quad \frac{1}{3} \div \frac{1}{2} - \frac{5}{4} \times \frac{2}{5} \quad \frac{1}{4} \div \left(\frac{2}{3} - \frac{3}{2} \times \frac{1}{3} \right) \quad \left(\frac{1}{9} + \frac{7}{11} \right) \times 9 \times 11$$

$$\frac{2}{5} \times \left(\frac{3}{4} + \frac{1}{5} \right) \div \frac{19}{10} \quad \frac{6}{13} \div \left[\frac{7}{11} \times \left(1 - \frac{3}{7} \right) \right] \quad 5 - \frac{3}{2} \times \frac{10}{21} - \frac{2}{7} \quad \frac{4}{9} - \frac{8}{17} \times \frac{4}{9}$$

$$\frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} \quad \left(\frac{5}{12} + \frac{7}{16} \right) \times 48 \quad 3 - \frac{7}{8} - 0.125 \quad 2.4 \times \frac{7}{8} + 1.5$$

$$\frac{3}{4} \times \frac{2}{5} + \frac{3}{4} \times 0.6 \quad \frac{7}{25} \times \frac{8}{11} + \frac{7}{25} \div \frac{11}{3} \quad \left(\frac{7}{11} - \frac{3}{8} \right) \times 88 \quad \frac{18}{35} \div 0.375 \times \frac{2}{3}$$

$$28 \times \left(\frac{1}{4} + \frac{1}{7} - \frac{3}{14} \right) \quad \frac{3}{50} \times 51 \quad 90 \times \frac{4}{91} \quad 9999 \times 7778 + 3333 \times 6666$$

$$69.6 \times 5.6 + 6.96 \times 44 \quad \left(36 \times \frac{2}{7} + \frac{2}{7} \times 4 \right) \div \frac{2}{7} \quad \frac{7}{12} - \left(\frac{1}{4} - \frac{5}{12} \right) \quad 7 - \frac{2}{3} \div \frac{1}{4} - \frac{4}{3}$$

$$12 \times \left(\frac{3}{4} - \frac{1}{2} + \frac{5}{6} \right) \quad 45 \times \frac{43}{44} \quad \frac{3}{4} \times \frac{2}{5} + \frac{1}{4} \div \frac{5}{2} \quad 94 \times 1999 - 93 \times 2000$$

$$\frac{4}{11} + \frac{2}{11} \times \frac{11}{6} \quad 5 - 3 \times \frac{7}{9} \quad (2 - 0.6) \div \frac{7}{15} \quad \left[1 - \left(\frac{1}{3} + \frac{1}{4} \right) \right] \times 24$$

四、直接写得数（20题）

$$0.1 - 0.01 = \quad \frac{1}{3} - \frac{1}{6} = \quad 2.5 \times 7 \times 4 = \quad \frac{1}{2} \div \frac{8}{7} =$$

$$7.2 \div 0.08 = \quad \frac{3}{8} \div \frac{3}{2} = \quad \frac{17}{4} \times \frac{8}{51} = \quad 15^2 =$$

$$3.14 \times 25 = \quad 3.14 \times 36 = \quad 3.14 \times 9 = \quad 3.14 \times 12 =$$

$$3.14 \times 5 = \quad 25.12 \div 3.14 = \quad 0.24 \times 5 = \quad \frac{9}{8} + \frac{5}{8} - \frac{5}{8} =$$

$$18 - \frac{1}{6} = \quad 0.8^2 = \quad \frac{9}{13} \div 100\% = \quad 20 \times \frac{10}{13} =$$