

1 Solve the equations:

$$\frac{x}{1} \cdot 1$$

$$\frac{x}{1} \cdot 2$$

$$\frac{x}{1} \cdot 3$$

$$\frac{x}{2} \cdot 1$$

$$\frac{x}{2} \cdot 2$$

$$\frac{x}{2} \cdot 3$$

$$\frac{x}{3} \cdot 1$$

$$\frac{x}{3} \cdot 2$$

$$\frac{x}{3} \cdot 3$$

$$\frac{x}{4} \cdot 1$$

$$\frac{x}{4} \cdot 2$$

$$\frac{x}{4} \cdot 3$$

$$\frac{x+1}{1} \cdot 1$$

$$\frac{x+1}{1} \cdot 2$$

$$\frac{x+1}{1} \cdot 3$$

$$\frac{x+1}{2}i_1$$

$$\frac{x+1}{2}i_2$$

$$\frac{x+1}{2}i_3$$

$$\frac{x+1}{3}i_1$$

$$\frac{x+1}{3}i_2$$

$$\frac{x+1}{3}i_3$$

$$\frac{x+1}{4}i_1$$

$$\frac{x+1}{4}i_2$$

$$\frac{x+1}{4}i_3$$

$$\frac{x}{1}+1=1$$

$$\frac{x}{1}+1=2$$

$$\frac{x}{1}+1=3$$

$$\frac{x}{2}+1=1$$

$$\frac{x}{2}+1=2$$

$$\frac{x}{2}+1=3$$

$$\frac{x}{3}+1=1$$

$$\frac{x}{3}+1=2$$

$$\frac{x}{3}+1=3$$

$$\frac{x}{4}+1=1$$

$$\frac{x}{4}+1=2$$

$$\frac{x}{4}+1=3$$

$$\frac{x+1}{1}+1=11$$

$$\frac{x+1}{1}+1=2$$

$$\frac{x+1}{1}+1=3$$

$$\frac{x+1}{2}+1=11$$

$$\frac{x+1}{2}+1=2$$

$$\frac{x+1}{2}+1=3$$

$$\frac{x+1}{3}+1=11$$

$$\frac{x+1}{3}+1=2$$

$$\frac{x+1}{3}+1=3$$

$$\frac{x+1}{4}+1=11$$

$$\frac{x+1}{4}+1=2$$

$$\frac{x+1}{4}+1=3$$

$$\frac{x+1}{3}+1=11+2$$

$$\frac{x+1}{3}+1=2+2$$

$$\frac{x+1}{3}+1=3+2$$

1.75. Solve the equations:

$$\frac{x}{2} + 1 = x$$

$$x = 1 + i \frac{x}{2}$$

$$\frac{x}{3} + 2 = x$$

$$x = 2 + i \frac{x}{3}$$

$$\frac{x}{2} + 2 = x$$

$$x = 2 + i \frac{x}{2}$$

$$\frac{x}{3}+4=x$$

$$x=4+i\frac{x}{3}$$

$$\frac{x}{2}+1+2=x$$

$$x=1+2+i\frac{x}{2}$$

$$\frac{x}{2}+2+4=x$$

$$x=2+4+i\frac{x}{3}$$

$$\frac{x}{2}+1+1=x+1$$

$$x+1=1+1+i\frac{x}{2}$$

$$\frac{x}{3}+2+2=x+2$$

$$x+2=2+2+\frac{x}{3}$$

$$\frac{x}{2}+2=x+1$$

$$\frac{x}{2}+3=x+2$$

$$\frac{x}{3}+3=x+1$$

$$\frac{x}{3}+4=x+2$$

$$\frac{x}{4}+5=x+2$$

$$\frac{x}{4}+8=x+2$$

$$\frac{x}{5} + 13 = x + 9$$

$$\frac{x}{5} + 13 = x + 5$$

$$\frac{x+1}{2} + x$$

$$\frac{x+1}{2} + 1 = x + 1$$

$$\frac{x+2}{3} + x$$

$$\frac{x+2}{3} + 1 = x + 1$$

$$\frac{x+1}{2} + 1 = x$$

$$\frac{x+1}{3} + 1 = x$$

$$\frac{x+3}{2} \cdot 2x$$

$$\frac{x+5}{3} \cdot 2x$$

$$\frac{x+10}{2} \cdot 3x$$

$$\frac{x+24}{3} \cdot 3x$$

$$\frac{x+1}{2} + 2 = x+1$$

$$\frac{x+1}{2} + 3 = x+1$$

$$\frac{x+2}{3} + 5 = x+1$$

$$\frac{x+2}{3} + 3 = x+1$$

$$\frac{x+3}{2} + 3 = 2x$$

$$\frac{x+5}{3} + 5 = 2x$$



$$\frac{x+1}{2}+7=3x$$

$$\frac{x+1}{3}+5=3x$$

$$\frac{x+10}{2}+8=3x+3$$

$$\frac{x+24}{3}+20=3x+4$$

1.875. Solve the equations:

$$\frac{x}{1}=\frac{1}{1}$$

$$\frac{x}{2}=\frac{1}{2}$$

$$\frac{x}{3}=\frac{1}{3}$$

$$\frac{x}{1}=\frac{2}{1}$$

$$\frac{x}{2}=\frac{2}{2}$$

$$\frac{x}{3}=\frac{2}{3}$$

$$\frac{x}{2}=\frac{1}{1}$$

$$\frac{x}{4}=\frac{1}{2}$$

$$\frac{x}{6}=\frac{1}{3}$$

$$\frac{x}{2}=\frac{2}{1}$$

$$\frac{x}{4}=\frac{2}{2}$$

$$\frac{x}{6}=\frac{2}{3}$$

$$\frac{x}{1} = \frac{1}{1} + 1$$

$$\frac{x}{2} = \frac{1}{2} + 1$$

$$\frac{x}{3} = \frac{1}{3} + 1$$

$$\frac{x}{1} = \frac{2}{1} + 1$$

$$\frac{x}{2} = \frac{2}{2} + 1$$

$$\frac{x}{3} = \frac{2}{3} + 1$$

$$\frac{x}{2} = \frac{1}{1} + 1$$

$$\frac{x}{4} = \frac{1}{2} + 1$$

$$\frac{x}{6} = \frac{1}{3} + 1$$

$$\frac{x}{2} = \frac{2}{1} + 1$$

$$\frac{x}{4} = \frac{2}{2} + 1$$

$$\frac{x}{6} = \frac{2}{3} + 1$$

$$\frac{x+1}{1} = \frac{1}{1}$$

$$\frac{x+1}{2} = \frac{1}{2}$$

$$\frac{x+1}{3} = \frac{1}{3}$$

$$\frac{x+1}{1} = \frac{2}{1}$$

$$\frac{x+1}{2} = \frac{2}{2}$$

$$\frac{x+1}{3} = \frac{2}{3}$$

$$\frac{x+1}{2} = \frac{1}{1}$$

$$\frac{x+1}{4} = \frac{1}{2}$$

$$\frac{x+1}{6} = \frac{1}{3}$$

$$\frac{x+1}{2} = \frac{2}{1}$$

$$\frac{x+1}{4} = \frac{2}{2}$$

$$\frac{x+1}{6} = \frac{2}{3}$$

$$\frac{x+1}{1} = \frac{1}{1} + 1$$

$$\frac{x+1}{2} = \frac{1}{2} + 1$$

$$\frac{x+1}{3} = \frac{1}{3} + 1$$

$$\frac{x+1}{1} = \frac{2}{1} + 1$$

$$\frac{x+1}{2} = \frac{2}{2} + 1$$

$$\frac{x+1}{3} = \frac{2}{3} + 1$$

$$\frac{x+1}{2} = \frac{1}{1} + 1$$

$$\frac{x+1}{4} = \frac{1}{2} + 1$$

$$\frac{x+1}{6} = \frac{1}{3} + 1$$

$$\frac{x+1}{2} = \frac{2}{1} + 1$$

$$\frac{x+1}{4} = \frac{2}{2} + 1$$

$$\frac{x+1}{6} = \frac{2}{3} + 1$$

$$\frac{x+1}{2} + \frac{1}{1}i x$$

$$\frac{x+1}{4} + \frac{1}{2}i x$$

$$\frac{x+1}{6} + \frac{2}{3}i x$$

$$\frac{x+1}{2} + \frac{2}{1}i x$$

$$\frac{x+1}{4} + \frac{4}{2}i x$$

$$\frac{x+1}{6} + \frac{7}{3}i x$$

$$\frac{x+1}{3} + \frac{1}{1}i x$$

$$\frac{x+1}{5} + \frac{3}{5}i x$$

$$\frac{x+1}{7} + \frac{5}{7}i x$$

$$\frac{x+1}{3} + \frac{3}{1}i x$$

$$\frac{x+1}{5} + \frac{7}{5}i x$$

$$\frac{x+1}{7} + \frac{11}{7}i x$$

$$\frac{x+2}{4} = \frac{x}{2}$$

$$\frac{x+6}{8} = \frac{x}{2}$$

$$\frac{x+10}{12} = \frac{x}{2}$$

$$\frac{x+2}{6} = \frac{x}{2}$$

$$\frac{x+4}{10} = \frac{x}{2}$$

$$\frac{x+12}{14} = \frac{x}{2}$$

$$\frac{x+6}{4} = \frac{x+2}{2}$$

$$\frac{x+13}{8} = \frac{x+1}{2}$$

$$\frac{x+21}{12} = \frac{x+1}{2}$$

$$\frac{x+5}{6} = \frac{x+1}{2}$$

$$\frac{x+17}{10} = \frac{x+1}{2}$$

$$\frac{x+25}{14} = \frac{x+1}{2}$$

$$\frac{x+2}{4} + \frac{1}{1} = \frac{x}{2}$$

$$\frac{x+2}{8} + \frac{1}{2} = \frac{x}{2}$$

$$\frac{x+2}{12} + \frac{2}{3} = \frac{x}{2}$$

$$\frac{x+2}{4} + \frac{2}{1} = \frac{x}{2}$$

$$\frac{x+2}{8} + \frac{4}{2} = \frac{x}{2}$$

$$\frac{x+2}{12} + \frac{7}{3} = \frac{x}{2}$$

$$\frac{x+2}{6} + \frac{1}{1} = \frac{x}{2}$$

$$\frac{x+2}{10} + \frac{3}{5} = \frac{x}{2}$$

$$\frac{x+2}{14} + \frac{5}{7} = \frac{x}{2}$$

$$\frac{x+2}{6} + \frac{3}{1} = \frac{x}{2}$$

$$\frac{x+2}{10} + \frac{7}{5} = \frac{x}{2}$$

$$\frac{x+2}{14} + \frac{11}{7} = \frac{x}{2}$$

2 Solve the equations:

$$\frac{1}{x} \text{ i } 1$$

$$\frac{2}{x} \text{ i } 2$$

$$\frac{3}{x} \text{ i } 3$$

$$\frac{4}{x} \text{ i } 4$$

$$\frac{1}{x} \text{ i } 1$$

$$\frac{2}{x} \text{ i } 1$$

$$\frac{3}{x} \text{ i } 1$$

$$\frac{4}{x} \text{ i } 1$$

$$\frac{1}{x+1} \zeta_1$$

$$\frac{2}{x+1} \zeta_2$$

$$\frac{3}{x+1} \zeta_3$$

$$\frac{4}{x+1} \zeta_4$$

$$\frac{1}{x+1} \zeta_1$$

$$\frac{2}{x+1} \zeta_1$$

$$\frac{3}{x+1} \zeta_1$$

$$\frac{4}{x+1} \zeta_1$$

$$\frac{1}{x} = \frac{1}{1}$$

$$\frac{1}{x} = \frac{1}{2}$$

$$\frac{1}{x} = \frac{1}{3}$$

$$\frac{1}{x} = \frac{1}{4}$$

$$\frac{2}{x} = \frac{1}{1}$$

$$\frac{2}{x} = \frac{1}{2}$$

$$\frac{2}{x} = \frac{1}{3}$$

$$\frac{2}{x} = \frac{1}{4}$$

$$\frac{2}{x} = \frac{2}{1}$$

$$\frac{2}{x} = \frac{2}{2}$$

$$\frac{2}{x} = \frac{2}{3}$$

$$\frac{2}{x} = \frac{2}{4}$$