

Find an equation

line $\frac{y-1}{x-2} = \frac{y-3}{x-4}$

1. Find the equation of the line passing through the points

$(1, 2), (2, 3), (3, 4), (4, 5)$

$(1, 2), (2, 3), (3, 4), (4, 5)$
 $\frac{y-2}{x-1} = \frac{y-3}{x-2}$

2. Find the equation

line $(1, 2)$

line $(2, 3)$

line $(3, 4)$

line $(4, 5)$

line $(5, 6)$

line $(6, 7)$

3. Find the equation of the line passing through the points $(1, 2)$ and $(3, 4)$

$(1, 2)$ and $(3, 4)$ $\frac{y-2}{x-1} = \frac{y-4}{x-3}$

line $(2, 3)$

line $(3, 4)$

line $(4, 5)$

line $(5, 6)$

line $(6, 7)$

line $(7, 8)$

line $(8, 9)$

4. Find the equation

line $(1, 2)$ and $(3, 4)$

line $(2, 3)$ and $(4, 5)$ $\frac{y-2}{x-1} = \frac{y-4}{x-3}$ $\frac{y-3}{x-2} = \frac{y-5}{x-4}$

line $(3, 4)$ and $(5, 6)$ $\frac{y-3}{x-2} = \frac{y-5}{x-4}$

line $(4, 5)$ and $(6, 7)$ $\frac{y-4}{x-3} = \frac{y-6}{x-5}$

line $(5, 6)$ and $(7, 8)$ $\frac{y-5}{x-4} = \frac{y-7}{x-6}$

line $(6, 7)$ and $(8, 9)$ $\frac{y-6}{x-5} = \frac{y-8}{x-7}$

line $(7, 8)$ and $(9, 10)$ $\frac{y-7}{x-6} = \frac{y-9}{x-8}$

line $(8, 9)$ and $(10, 11)$ $\frac{y-8}{x-7} = \frac{y-10}{x-9}$

line $(9, 10)$ and $(11, 12)$ $\frac{y-9}{x-8} = \frac{y-11}{x-10}$

line $(10, 11)$ and $(12, 13)$ $\frac{y-10}{x-9} = \frac{y-12}{x-11}$

line $(11, 12)$ and $(13, 14)$ $\frac{y-11}{x-10} = \frac{y-13}{x-12}$

line $(12, 13)$ and $(14, 15)$ $\frac{y-12}{x-11} = \frac{y-14}{x-13}$