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1 Task 1

$$w_{t,d} = (1 + \log tf_{t,d}) * \log \frac{N}{df_t}$$

- $w_{pens,d_1} = (1 + \log 1) * \log \frac{3}{1} =$
- $w_{pens,d_2} = (1 + \log 0) * \log \frac{3}{1} =$
- $w_{pens,d_3} = (1 + \log 0) * \log \frac{3}{1} =$
- $w_{write,d_1} = (1 + \log 1) * \log \frac{3}{3} =$
- $w_{write,d_2} = (1 + \log 1) * \log \frac{3}{3} =$
- $w_{write,d_3} = (1 + \log 1) * \log \frac{3}{3} =$
- $w_{on,d_1} = (1 + \log 1) * \log \frac{3}{3} =$
- $w_{on,d_2} = (1 + \log 1) * \log \frac{3}{3} =$
- $w_{on,d_3} = (1 + \log 1) * \log \frac{3}{3} =$
- $w_{paper,d_1} = (1 + \log 2) * \log \frac{3}{3} =$
- $w_{paper,d_2} = (1 + \log 0) * \log \frac{3}{3} =$
- $w_{paper,d_3} = (1 + \log 1) * \log \frac{3}{3} =$
- $w_{pencils,d_1} = (1 + \log 0) * \log \frac{3}{1} =$
- $w_{pencils,d_2} = (1 + \log 1) * \log \frac{3}{1} =$
- $w_{pencils,d_3} = (1 + \log 0) * \log \frac{3}{1} =$
- $w_{envelope,d_1} = (1 + \log 0) * \log \frac{3}{1} =$
- $w_{envelope,d_2} = (1 + \log 1) * \log \frac{3}{1} =$
- $w_{envelope,d_3} = (1 + \log 0) * \log \frac{3}{1} =$
- $w_{ballpens,d_1} = (1 + \log 0) * \log \frac{3}{1} =$
- $w_{ballpens,d_2} = (1 + \log 0) * \log \frac{3}{1} =$
- $w_{ballpens,d_3} = (1 + \log 1) * \log \frac{3}{1} =$