We are concerned about 3 cases:

Case 1: 4 correct

Case 2: 5 correct

(a) = drawn 4 from 6 correct

(49-6) = (43) = drawn 2 from 43 false

(a) = drawn 5 from 6 correct

case 2: 5 correct

( $\frac{6}{6}$ ) = drawn 5 from 6 correct

( $\frac{49-6}{6}$ ) = ( $\frac{43}{3}$ ) = drawn 1 from 43 false

case 3: 6 correct

( $\frac{6}{6}$ ) = drawn 6 from 6 correct

( $\frac{49-6}{6}$ ) = ( $\frac{43}{3}$ ) = drawn No false

We calculate IP(1 G n D 1)

case 1

(4) (43) + (6) (43) + (6) (43)

(4) (2) + (5) (1) + (6) (0)

 $= \frac{15.903 + 6.43 + 1.1}{1.3983816 \cdot 10^{7}} = 0.00099$ 

Task 1.3

 $\frac{3}{3} \left( \frac{200}{10} \right) = 2.2451.10^{16}$ 

 $\frac{4 \begin{pmatrix} 29 \\ 7 \end{pmatrix}}{\begin{pmatrix} 32 \\ 10 \end{pmatrix}} = \frac{3}{124}$ 

 $3 \cdot \frac{3}{124} = \frac{9}{124}$