Constructive interference occurs when:

\[ d = n\lambda \]  
\[ (n = 0, 1, 2, 3, 4, \ldots) \]

So \( \lambda = \frac{d}{m} \) and \( \lambda = \frac{2042\text{nm}}{2} = 1021\text{nm} \)

\( \lambda_1 = 2042\text{nm} \) not in 400-700nm range

\( \lambda_2 = 2042\text{nm} \) also not in visible range

\( \lambda_3 = \frac{2042\text{nm}}{3} = 680\text{nm} \) in visible range will see these

\( \lambda_4 = \frac{2042\text{nm}}{4} = 510\text{nm} \) in visible range will see these

\( \lambda_5 = \frac{2042\text{nm}}{5} = 408\text{nm} \)

(2) Even if sources are not in line, the value of \( d = 2042\text{nm} \) all \( m \) will be same.