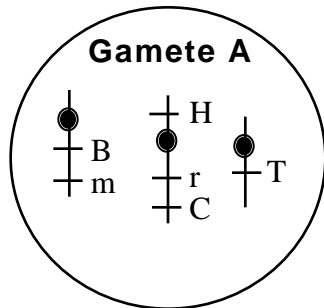


NewWorm Genetics	Two NewWorm Genotypes								
Body: Flat: BB or Bb Round: bb Mouth: Oval: ?? Slit: ?? Head: Broad: ?? Medium: ?? Narrow: ?? Rings: No Rings: RR or Rr Rings: rr Color: Green: CC Brown: Cc Black: cc Tail (Male): Pointed: TT or Tt Blunt: tt Tail (Female): Pointed: T- Blunt: t- (The Tail gene is on the X chromosome.) (The - [dash] stands for the Y chromosome.) Sex: Males: XX Females: XY	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; padding: 5px;">NewWorm1</th> <th style="text-align: center; padding: 5px;">NewWorm2</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;"> </td> <td style="text-align: center; padding: 5px;"> </td> </tr> <tr> <td style="text-align: center; padding: 5px;"> </td> <td style="text-align: center; padding: 5px;"> </td> </tr> <tr> <td style="text-align: center; padding: 5px;"> </td> <td style="text-align: center; padding: 5px;"> </td> </tr> </tbody> </table>	NewWorm1	NewWorm2	 	 	 	 		
NewWorm1	NewWorm2								

MEIOSIS: GAMETE A



1. Was crossing over necessary for NewWorm2 to produce Gamete A?

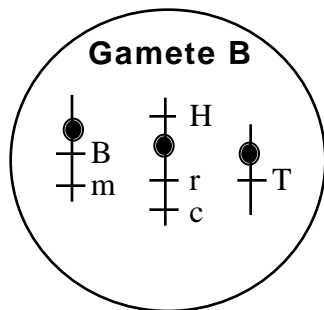
Answer _____

1a. **If** you answered **yes**, circle the chromosome(s) in Gamete A that resulted from crossing over.

If you answered **no**, check here ____.

If you did not answer, do nothing.

MEIOSIS: GAMETE B



1. Was crossing over necessary for NewWorm2 to produce Gamete B?

Answer _____

1a. **If** you answered **yes**, circle the chromosome(s) in Gamete B that resulted from crossing over.

If you answered **no**, check here ____.

If you did not answer, do nothing.