Instructions:
In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: _For any position where the solid dog and the white dog differ in sequence_, write into the chart the DNA letter possessed by the white dog at that position. _For positions where the dogs are identical in sequence_, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_1	C	G	G	A	A	T	A	T	T	T
White_Boxer_1	T	G	T	C	G	G	A	T	T	C

Instructions:
In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog & a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: _For any position where the solid dog and the white dog differ in sequence_, write into the chart the DNA letter possessed by the white dog at that position. _For positions where the dogs are identical in sequence_, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_2	T	G	G	A	A	T	A	T	T	C
White_Boxer_2	T	A	T	C	A	G	G	T	T	C

Instructions:
In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: *For any position where the solid dog and the white dog differ in sequence*, write into the chart the DNA letter possessed by the white dog at that position. *For positions where the dogs are identical in sequence*, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_3	C	G	G	A	A	T	A	T	T	C
White_Boxer_3	C	A	T	C	G	G	G	T	T	C

Instructions:

In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: *For any position where the solid dog and the white dog differ in sequence*, write into the chart the DNA letter possessed by the white dog at that position. *For positions where the dogs are identical in sequence*, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_4	C	A	G	A	A	T	A	T	T	C
White_Boxer_4	C	A	T	C	G	G	G	C	C	T

Instructions:

In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: _For any position where the solid dog and the white dog differ in sequence_, write into the chart the DNA letter possessed by the white dog at that position. _For positions where the dogs are identical in sequence_, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_5	C	G	G	A	A	T	A	T	T	C
White_Boxer_5	C	A	T	C	G	G	G	C	C	T

Instructions:

In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: *For any position where the solid dog and the white dog differ in sequence*, write into the chart the DNA letter possessed by the white dog at that position. *For positions where the dogs are identical in sequence*, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_6	C	G	G	A	A	T	A	T	T	C
White_Boxer_6	C	G	G	A	G	G	G	C	C	T

Instructions:
In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: *For any position where the solid dog and the white dog differ in sequence*, write into the chart the DNA letter possessed by the white dog at that position. *For positions where the dogs are identical in sequence*, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_7	C	A	G	A	A	T	A	C	C	T
White_Boxer_7	C	A	T	C	G	G	G	C	C	C

Instructions:

In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: *For any position where the solid dog and the white dog differ in sequence*, write into the chart the DNA letter possessed by the white dog at that position. *For positions where the dogs are identical in sequence*, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_8	T	G	G	A	A	T	A	T	T	C
White_Boxer_8	C	A	G	A	G	G	G	C	C	C

Instructions:

In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: *For any position where the solid dog and the white dog differ in sequence*, write into the chart the DNA letter possessed by the white dog at that position. *For positions where the dogs are identical in sequence*, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_9	C	A	T	C	A	T	A	C	C	T
White_Boxer_9	C	G	G	C	G	G	G	C	C	T

Instructions:

In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: _For any position where the solid dog and the white dog differ in sequence_, write into the chart the DNA letter possessed by the white dog at that position. _For positions where the dogs are identical in sequence_, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_10	T	A	T	C	A	T	A	T	C	T
White_Boxer_10	T	A	T	C	G	G	G	C	T	C

Instructions:

In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog & a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: _For any position where the solid dog and the white dog differ in sequence_, write into the chart the DNA letter possessed by the white dog at that position. _For positions where the dogs are identical in sequence_, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_11	C	A	T	C	A	T	A	T	T	C
White_Boxer_11	T	G	T	C	G	G	G	C	C	T

Instructions:
In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: *For any position where the solid dog and the white dog differ in sequence*, write into the chart the DNA letter possessed by the white dog at that position. *For positions where the dogs are identical in sequence*, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_12	C	G	G	A	A	T	A	C	T	C
White_Boxer_12	C	A	T	C	G	G	G	C	C	T

Instructions:
In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: _For any position where the solid dog and the white dog differ in sequence_, write into the chart the DNA letter possessed by the white dog at that position. _For positions where the dogs are identical in sequence_, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_13	T	A	T	A	A	T	A	T	T	C
White_Boxer_13	T	G	G	A	G	G	G	T	T	C

Instructions:
In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: _For any position where the solid dog and the white dog differ in sequence_, write into the chart the DNA letter possessed by the white dog at that position. _For positions where the dogs are identical in sequence_, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_14	T	G	G	A	A	T	A	T	C	T
White_Boxer_14	T	G	G	A	G	G	G	C	C	T

Instructions:

In the chart below are the letters of DNA found at 10 different positions along chromosome #20, from two different dogs:

a solid-color boxer dog   &   a white boxer dog

Analyze these data (below) at each of the 10 positions on chromosome #20 in the following way, and then come to the board to record your data in the chart on the board: _For any position where the solid dog and the white dog differ in sequence_, write into the chart the DNA letter possessed by the white dog at that position. _For positions where the dogs are identical in sequence_, do not write anything into that position in the chart.

position on chromosome 20

Dog	23,291,835	23,977,848	24,252,239	24,320,510	24,827,321	24,876,053	24,992,128	25,648,155	25,950,706	27,425,389
Solid_Boxer_15	C	A	G	A	A	T	A	T	T	C
White_Boxer_15	T	G	T	C	G	G	A	T	T	C