



**Crossing Table 1**

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Genetic terms  
 Dominance of genes  
 Breeding techniques  
 Crossing Table 1  
 Gene A: Agouti  
 Gene B: Black  
 Gene C: Full colour  
 Gene D: Diluted  
 Gene I: Inhibitor  
 Gene O: Orange  
 Gene S: Piebald spotting  
 Gene W: White  
 Gene XY: Sex

[Help: Crossing tables]

♂		tabby	tabby	tabby	tabby	tabby	tabby	tabby	tabby	tabby	tabby	tabby	tabby	tabby	tabby	
♀		black	chocolate	cinnamon	blue	lilac	fawn	red	cream							
black	black	black tabby	black	black tabby	black	black tabby	black	black tabby	black	black tabby	black	black tabby	♂ black	♂ black tabby	♂ black	♂ black tabby
tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	♂ black tabby	♂ black tabby	♂ black tabby	♂ black tabby
chocolate	black	black tabby	chocolate	chocolate tabby	chocolate	chocolate tabby	black	black tabby	chocolate	chocolate tabby	chocolate	chocolate tabby	♂ black	♂ black tabby	♂ black	♂ black tabby
tabby	black tabby	black tabby	chocolate tabby	chocolate tabby	chocolate tabby	chocolate tabby	black tabby	black tabby	chocolate tabby	chocolate tabby	chocolate tabby	chocolate tabby	♂ black tabby	♂ black tabby	♂ black tabby	♂ black tabby
cinnamon	black	black tabby	chocolate	chocolate tabby	cinnamon	cinnamon tabby	black	black tabby	chocolate	chocolate tabby	cinnamon	cinnamon tabby	♂ black	♂ black tabby	♂ black	♂ black tabby
tabby	black tabby	black tabby	chocolate tabby	chocolate tabby	cinnamon tabby	cinnamon tabby	black tabby	black tabby	chocolate tabby	chocolate tabby	cinnamon tabby	cinnamon tabby	♂ black tabby	♂ black tabby	♂ black tabby	♂ black tabby
blue	black	black tabby	black	black tabby	black	black tabby	blue	blue tabby	blue	blue tabby	blue	blue tabby	♂ black	♂ black tabby	♂ blue	♂ blue tabby
													♀ blacktortie	♀ blacktortie	♀ bluecream	♀ bluecream tabby

Crossing Table 1

<b>tabby</b>		black tabby	black tabby	black tabby	black tabby 1)	black tabby	black tabby 2)	blue tabby	blue tabby	blue tabby	blue tabby 1)	blue tabby 2)	♂ black tabby	♂ black tabby	♂ blue tabby	♂ blue tabby	
	<b>lilac</b>	black	black tabby	chocolate	chocolate tabby	chocolate	chocolate tabby	blue	blue tabby	lilac	lilac tabby	lilac	lilac tabby	♂ black	♂ black tabby	♂ blue	♂ blue tabby
<b>tabby</b>		black tabby	black tabby 1)	chocolate tabby	chocolate tabby	chocolate tabby	chocolate tabby 2)	blue tabby	blue tabby 1)	lilac tabby	lilac tabby	lilac tabby	lilac tabby 2)	♂ black tabby	♂ black tabby	♂ blue tabby	♂ blue tabby
	<b>fawn</b>	black	black tabby	chocolate	chocolate tabby	cinnamon	cinnamon tabby	blue	blue tabby	lilac	lilac tabby	fawn	fawn tabby	♂ black	♂ black tabby	♂ blue	♂ blue tabby
<b>tabby</b>		black tabby	black tabby 2)	chocolate tabby	chocolate tabby 2)	cinnamon tabby	cinnamon tabby	blue tabby	blue tabby 2)	lilac tabby	lilac tabby 2)	fawn tabby	fawn tabby	♂ black tabby	♂ black tabby	♂ blue tabby	♂ blue tabby
	<b>red</b>	♂ red ♀ blacktortie	♂ red tabby ♀ blacktortie tabby	♂ red ♀ blacktortie	♂ red tabby ♀ blacktortie tabby	♂ red ♀ blacktortie	♂ red tabby ♀ blacktortie tabby	♂ red ♀ blacktortie	♂ red tabby ♀ blacktortie tabby	♂ red ♀ blacktortie	♂ red tabby ♀ blacktortie tabby	♂ red ♀ blacktortie	♂ red tabby ♀ blacktortie tabby	red	red tabby	red	red tabby
<b>tabby</b>		♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby 1)	♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby 2)	♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby	red tabby	red tabby	red tabby	red tabby
	<b>cream</b>	♂ red ♀ blacktortie	♂ red tabby ♀ blacktortie tabby	♂ red ♀ blacktortie	♂ red tabby ♀ blacktortie tabby	♂ red ♀ blacktortie	♂ red tabby ♀ blacktortie tabby	♂ cream ♀ bluecream	♂ cream tabby ♀ bluecream tabby	♂ cream ♀ bluecream	♂ cream tabby ♀ bluecream tabby	♂ cream ♀ bluecream	♂ cream tabby ♀ bluecream tabby	red	red tabby	cream	cream tabby
<b>tabby</b>		♂ red tabby ♀ blacktortie tabby		♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby 1)	♂ red tabby ♀ blacktortie tabby	♂ red tabby ♀ blacktortie tabby 2)	♂ cream tabby ♀ bluecream tabby	♂ cream tabby ♀ bluecream tabby	♂ cream tabby ♀ bluecream tabby	♂ cream tabby ♀ bluecream tabby	♂ cream tabby ♀ bluecream tabby	♂ cream tabby ♀ bluecream tabby	red tabby	red tabby	cream tabby	cream tabby

1) You may get Chocolate/Lilac [tortie [tabby]] only if the other parent also carries at least one chocolate gene.  
 2) You may get Cinnamon/Fawn [tortie [tabby]] only if the other parent also carries at least one cinnamon gene.

[A] [B] [C] [cb & cs] [D] [I] [O] [S] [W] [XY]



   
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**Crossing Table 2**

For help how to read this table [click here](#).

Genetic terms  
 Dominance of genes  
 Breeding techniques  
 Crossing Table 1  
 Crossing Table 2  
 Gene A: Agouti  
 Gene B: Black  
 Gene C: Full colour  
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 Gene O: Orange  
 Gene S: Piebald spotting  
 Gene W: White  
 Gene XY: Sex

[\[Help: Crossing Tables\]](#)

♂		Bicolour		Bicolour		Bicolour		Bicolour		Bicolour		Bicolour		Bicolour		Bicolour	
♀		black	chocolate		cinnamon		blue		lilac		fawn		red		cream		
	<b>black</b>	black	black bicolour	black	black bicolour	black	black bicolour	black	black bicolour	black	black bicolour	black	black bicolour	♂ black	♂ black bicolour	♂ black	♂ black bicolour
														♀ blacktortie	♀ blacktortie bicolour	♀ blacktortie	♀ blacktortie bicolour
	<b>Bicolour</b>	black bicolour	black Van	black bicolour	black Van	black bicolour	black Van	black bicolour	black Van	black bicolour	black Van	black bicolour	black Van	♂ black bicolour	♂ black Van	♂ black bicolour	♂ black Van
			1)			2)			1)			2)		♀ blacktortie bicolour	♀ blacktortie Van	♀ blacktortie bicolour	♀ blacktortie Van
	<b>chocolate</b>	black	black bicolour	chocolate	chocolate	chocolate	chocolate	black	black bicolour	chocolate	chocolate	chocolate	chocolate	♂ black	♂ black bicolour	♂ black	♂ black bicolour
														♀ blacktortie	♀ blacktortie bicolour	♀ blacktortie	♀ blacktortie bicolour
	<b>Bicolour</b>	black bicolour	black Van	chocolate bicolour	chocolate Van	chocolate bicolour	chocolate Van	black bicolour	black Van	chocolate bicolour	chocolate Van	chocolate bicolour	chocolate Van	♂ black bicolour	♂ black Van	♂ black bicolour	♂ black Van
			1)				2)		1)				2)	♀ blacktortie bicolour	♀ blacktortie Van	♀ blacktortie bicolour	♀ blacktortie Van
															1)		
	<b>cinnamon</b>	black	black bicolour	chocolate	chocolate bicolour	cinnamon	cinnamon bicolour	black	black bicolour	chocolate	chocolate bicolour	cinnamon	cinnamon bicolour	♂ black	♂ black bicolour	♂ black	♂ black bicolour
														♀ blacktortie	♀ blacktortie bicolour	♀ blacktortie	♀ blacktortie bicolour
	<b>Bicolour</b>	black bicolour	black Van	chocolate bicolour	chocolate Van	cinnamon bicolour	cinnamon Van	black bicolour	black Van	chocolate bicolour	chocolate Van	cinnamon bicolour	cinnamon Van	♂ black bicolour	♂ black Van	♂ black bicolour	♂ black Van
			2)		2)				2)		2)			♀ blacktortie bicolour	♀ blacktortie Van	♀ blacktortie bicolour	♀ blacktortie Van
															2)		2)

Crossing Table 2

	<b>blue</b>	black	black bicolour	black	black bicolour	black	black bicolour	blue	blue bicolour	blue	blue bicolour	blue	blue bicolour	♂ black	♂ black bicolour	♂ blue	♂ blue bicolour
														♀ blacktortie	♀ black tortie bicolour	♀ bluecream	♀ bluecream bicolour
<b>Bicolour</b>		black bicolour	black Van	black bicolour	black Van	black bicolour	black Van	blue bicolour	blue Van	blue bicolour	blue Van	blue bicolour	blue Van	♂ black bicolour	♂ black Van	♂ blue bicolour	♂ blue Van
					1)		2)				1)		2)	♀ blacktortie bicolour	♀ blacktortie Van	♀ bluecream bicolour	♀ bluecream Van
	<b>lilac</b>	black	black bicolour	chocolate	chocolate bicolour	chocolate	chocolate bicolour	blue	blue bicolour	lilac	lilac bicolour	lilac	lilac bicolour	♂ black	♂ black bicolour	♂ blue	♂ blue bicolour
														♀ blacktortie	♀ black tortie bicolour	♀ bluecream	♀ bluecream bicolour
<b>Bicolour</b>		black bicolour	black Van	chocolate bicolour	chocolate Van	chocolate bicolour	chocolate Van	blue bicolour	blue Van	lilac bicolour	lilac Van	lilac bicolour	lilac Van	♂ black bicolour	♂ black Van	♂ blue bicolour	♂ blue Van
			1)				2)		1)				2)	♀ blacktortie bicolour	♀ blacktortie Van	♀ bluecream bicolour	♀ bluecream Van
														1)			1)
	<b>fawn</b>	black	black bicolour	chocolate	chocolate bicolour	cinnamon	cinnamon bicolour	blue	blue bicolour	lilac	lilac bicolour	fawn	fawn bicolour	♂ black	♂ red bicolour	♂ blue	♂ blue bicolour
														♀ blacktortie	♀ black tortie bicolour	♀ bluecream	♀ bluecream bicolour
<b>Bicolour</b>		black bicolour	black Van	chocolate bicolour	chocolate Van	cinnamon bicolour	cinnamon Van	blue bicolour	blue Van	lilac bicolour	lilac Van	fawn bicolour	fawn Van	♂ red bicolour	♂ red Van	♂ blue bicolour	♂ blue Van
			2)		2)				2)		2)			♀ black tortie bicolour	♀ black tortie Van	♀ bluecream bicolour	♀ bluecream Van
														2)			2)
	<b>red</b>	♂ red	♂ red bicolour	♂ red	♂ red bicolour	♂ red	♂ red bicolour	♂ red	♂ red bicolour	♂ red	♂ red bicolour	♂ red	♂ red bicolour	red	red bicolour	red	red bicolour
		♀ blacktortie	♀ black tortie bicolour	♀ blacktortie	♀ black tortie bicolour	♀ blacktortie	♀ black tortie bicolour	♀ blacktortie	♀ black tortie bicolour	♀ blacktortie	♀ black tortie bicolour	♀ blacktortie	♀ black tortie bicolour				
<b>Bicolour</b>		♂ red bicolour	♂ red Van	♂ red bicolour	♂ red Van	♂ red bicolour	♂ red Van	♂ red bicolour	♂ red Van	♂ red bicolour	♂ red Van	♂ red bicolour	♂ red Van	red bicolour	red Van	red bicolour	red Van
		♀ black tortie bicolour	♀ black tortie Van	♀ black tortie bicolour	♀ black tortie Van	♀ black tortie bicolour	♀ black tortie Van	♀ black tortie bicolour	♀ black tortie Van	♀ black tortie bicolour	♀ black tortie Van	♀ black tortie bicolour	♀ black tortie Van				
					1)		2)				1)		2)				
	<b>cream</b>	♂ red	♂ red bicolour	♂ red	♂ red bicolour	♂ red	♂ red bicolour	♂ cream	♂ cream bicolour	♂ cream	♂ cream bicolour	♂ cream	♂ cream bicolour	red	red bicolour	cream	cream bicolour
		♀ blacktortie	♀ black tortie bicolour	♀ blacktortie	♀ black tortie bicolour	♀ blacktortie	♀ black tortie bicolour	♀ bluecream	♀ bluecream bicolour	♀ bluecream	♀ bluecream bicolour	♀ bluecream	♀ bluecream bicolour				

<b>Bicolour</b>	♂ red bicolour	♂ red Van	♂ red bicolour	♂ red Van	♂ red bicolour	♂ red Van	♂ cream bicolour	♂ cream Van	♂ cream bicolour	♂ cream Van	♂ cream bicolour	♂ cream Van	red bicolour	red Van	cream bicolour	cream Van
	♀ black tortie bicolour	♀ black tortie Van	♀ black tortie bicolour	♀ black tortie Van	♀ black tortie bicolour	♀ black tortie Van	♀ bluecream bicolour	♀ bluecream Van	♀ bluecream bicolour	♀ bluecream Van	♀ bluecream bicolour	♀ bluecream Van				
				1)		2)				1)		2)				

1) You may get Chocolate/Lilac [tortie [bicolour]] only if the other parent also carries at least one chocolate gene.  
 2) You may get Cinnamon/Fawn [tortie [bicolour]] only if the other parent also carries at least one cinnamon gene.

[A] [B] [C] [cb & cs] [D] [I] [O] [S] [W] [XY]



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**Help, how to read the crossing tables**

The crossing tables are built in squares for each colour. The rows and columns responsible for a pattern (bicolour, tabby, etc.) are underlaid with grey colour.

**Example**

In this example the square, which is concerned, is circled with **blue** colour.

	♂		<b>Bicolour</b>		<b>Bicolour</b>
♀		<b>black</b>		<b>chocolate</b>	
	<b>black</b>	black	black bicolour	black	black bicolour
<b>Bicolour</b>		black bicolour	black Van	black bicolour	black Van 1)
	<b>chocolate</b>	black	black bicolour	chocolate	chocolate
<b>Bicolour</b>		black bicolour	black Van 1)	chocolate bicolour	chocolate Van

**Example 1**

You cross a chocolate bicolour male with a black female.

For the colour of the male mark all the cells down the column "Bicolour chocolate".  
 For the colour of the female mark all the cells along the row "Black".  
 Then look at the *whole square* (circled with **red** colour), in which these two colours meet each other, here you will find the result of this **crossing**.

	♂		<b>Bicolour</b>		<b>Bicolour</b>
♀		<b>black</b>		<b>chocolate</b>	<b>cinnamon</b>
	<b>black</b>	black	black bicolour	<b>black</b>	<b>black bicolour</b>
<b>Bicolour</b>		black bicolour	black Van	black bicolour	black Van 1)
	<b>chocolate</b>	black	black bicolour	chocolate	chocolate
					chocolate

<b>Bicolour</b>		black bicolour	black Van 1)	chocolate bicolour	chocolate Van	chocolate bicolour
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### Example 2

You cross a blue male with a chocolate tabby female.

For the colour of the male mark all the cells down the column "Blue".  
 For the colour of the female mark all the cells along the row "Chocolate tabby".  
 Then look at the *whole square* (circled with **red** colour), in which these two colours meet each other, here you will find the result of this **crossing**.

	♂		tabby		tabby		tabby		tabby		tabby
♀		<b>black</b>	<b>chocolate</b>		<b>cinnamon</b>		<b>blue</b>		<b>lilac</b>		
	<b>black</b>	black	black tabby	black	black tabby	black	black tabby	black	black tabby	black	black tabby
	<b>tabby</b>	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby
	<b>chocolate</b>	black	black tabby	chocolate	chocolate tabby	chocolate	chocolate tabby	<b>black</b>	black tabby	chocolate	chocolate tabby
	<b>tabby</b>	black tabby	black tabby	chocolate tabby	chocolate tabby	chocolate tabby	chocolate tabby	<b>black tabby</b>	black tabby	chocolate tabby	chocolate tabby
	<b>cinnamon</b>	black	black tabby	chocolate	chocolate tabby	cinnamon	cinnamon tabby	black	black tabby	chocolate	chocolate tabby
	<b>tabby</b>	black tabby	black tabby	chocolate tabby	chocolate tabby	cinnamon tabby	cinnamon tabby	black tabby	black tabby	chocolate tabby	chocolate tabby

### Example 3

You cross a lilac male with a blue female.

For the colour of the male mark all the cells down the column "Lilac".  
 For the colour of the female mark all the cells along the row "Blue".  
 Then look at the *whole square* (circled with **red** colour) in which these two colours meet each other, here you will find the result of this **crossing**.

	♂		tabby		tabby		tabby		tabby		tabby
♀		<b>black</b>	<b>chocolate</b>		<b>cinnamon</b>		<b>blue</b>		<b>lilac</b>		
	<b>black</b>	black	black tabby	black	black tabby	black	black tabby	black	black tabby	black	black tabby
	<b>tabby</b>	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby	black tabby
	<b>chocolate</b>	black	black tabby	chocolate	chocolate tabby	chocolate	chocolate tabby	black	black tabby	chocolate	chocolate tabby
	<b>tabby</b>	black tabby	black tabby	chocolate tabby	chocolate tabby	chocolate tabby	chocolate tabby	black tabby	black tabby	chocolate tabby	chocolate tabby
	<b>cinnamon</b>	black	black tabby	chocolate	chocolate tabby	cinnamon	cinnamon tabby	black	black tabby	chocolate	chocolate tabby

<b>tabby</b>		black tabby	black tabby 2)	chocolate tabby	chocolate tabby 2)	cinnamon tabby	cinnamon tabby	black tabby	black tabby 2)	chocolate tabby	chocolate tabby 2)
	<b>blue</b>	black	black tabby	black	black tabby	black	black tabby	blue	blue tabby	<b>blue</b>	blue tabby
<b>tabby</b>		black tabby	black tabby 2)	black tabby	black tabby 2)	black tabby	black tabby	blue tabby	blue tabby 2)	blue tabby	blue tabby 2)

- 1) You may get Chocolate/Lilac [tortie [tabby]] only if the other parent also carries at least one chocolate gene.
- 2) You may get Cinnamon/Fawn [tortie [tabby]] only if the other parent also carries at least one cinnamon gene.

**[A] [B] [C] [cb & cs] [D] [I] [O] [S] [W] [XY]**



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