

Two Parents genes are crossed below. Black (B) is dominant to white (b). Rough (R) is dominant to smooth (r).

BbRr

x

BbRr

	B	b
R	B R	bR
r	Br	br

	B	b
R	B R	bR
r	Br	br

	B R	Br	bR	br
B R				
Br				
bR				
br				

Black (B) is dominant to white (b). Rough (R) is dominant to smooth (r).

Using the punnett square. Answer using a fraction. For example, **4/16 or 1/16.**

- a. What is the probability of producing guinea pigs with **black, rough fur?**

- b. What is the probability of producing guinea pigs with **white, rough fur?**

- b. What is the probability of producing guinea pigs with **black, smooth fur?**

- c. What is the probability of producing guinea pigs with **white, smooth fur?**