



FIGURE 21.25. Paternal alleles (*black*) are more likely to be selected to take more resources from the mother and from other siblings than are maternal alleles (*red, blue*). The diagram shows the most extreme case, where each offspring has a different father. Then, each paternal allele is unrelated to any other gene in the siblings or mother, whereas each maternal allele is identical by descent with one of the mother's alleles and with an allele in half of the siblings.