

16 The language of genetics – Part 2

—Answers

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Work through these after trying the questions yourself.

16.6 One version of a gene.

16.7 Two.

16.8 Genotype is the alleles present; phenotype is the features you can see.

16.9 3 tall : 1 short.

16.10 tt.

16.11 $Tt \times tt$: the Tt parent gives T or t; the tt parent gives only t. The combinations are Tt, Tt, tt, tt—that is 2 tall (Tt) : 2 short (tt), a ratio of 1 tall : 1 short.