Dihybrid cross worksheet Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ex) A tall green pea plant (TTGG) is crossed with a short white pea plant (ttgg).

 TT or Tt = tall tt = short GG or Gg = green gg = white

 TG TG TG TG

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| --- | --- | --- | --- |
| TtGg | TtGg | TtGg | TtGg |
| TtGg | TtGg | TtGg | TtGg |
| TtGg | TtGg | TtGg | TtGg |
| TtGg | TtGg | TtGg | TtGg |

 tg

 tg

 tg

 tg

 16 Tall/Green : 0 Tall/White : 0 Short/Green : 0 Short/ White

1. A tall green pea plant (TTGg) is crossed with a tall green pea plant (TtGg)

 \_\_\_\_\_\_\_\_\_\_\_ X \_\_\_\_\_\_\_\_\_\_\_

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 \_\_\_\_ Tall/Green : \_\_\_\_ Tall/White : \_\_\_\_ Short/Green : \_\_\_\_ Short/ White

1. A tall green pea plant (TtGg) is crossed with a Short yellow pea plant (ttgg).

 \_\_\_\_\_\_\_\_\_\_\_ X \_\_\_\_\_\_\_\_\_\_\_

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 \_\_\_\_ Tall/Green : \_\_\_\_ Tall/White : \_\_\_\_ Short/Green : \_\_\_\_ Short/ White

1. A Heterozygous tall red flowered plant is crossed with a

 Homozygous short white flowered plant.

 \_\_\_\_\_\_\_\_\_\_\_ X \_\_\_\_\_\_\_\_\_\_\_

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 \_\_\_\_ Tall/Red : \_\_\_\_Tall/White : \_\_\_\_ Short/Red : \_\_\_\_ Short/White

4) Two Heterozygous Tall, Green pea plants are crossed.

 \_\_\_\_\_\_\_\_\_\_\_ X \_\_\_\_\_\_\_\_\_\_\_

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 \_\_\_\_ Tall/Green : \_\_\_\_ Tall/White : \_\_\_\_ Short/Green : \_\_\_\_ Short/ White