

PUNNETT SQUARE PRACTICE

WORKSHEET

Set up a Punnett square using the following information:

- Dominant allele for tall plants = T
- Recessive allele for short plants = t
- Dominant allele for round seeds = R
- Recessive allele for wrinkled seeds = r
- Cross a heterozygous tall, heterozygous round-seeded plant (TtRr) with another heterozygous tall, heterozygous round-seeded plant (TtRr).

A. WHAT IS THE PROBABILITY OF PRODUCING TALL PLANTS WITH ROUND SEEDS?

B. WHAT IS THE PROBABILITY OF PRODUCING SHORT PLANTS WITH ROUND SEEDS?

C. WHAT IS THE PROBABILITY OF PRODUCING TALL PLANTS WITH WRINKLED SEEDS?

D. WHAT IS THE PROBABILITY OF PRODUCING SHORT PLANTS WITH WRINKLED SEEDS?
