Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_\_\_\_

Find My Family!

There has been a local emergency at the hospital! All of the newborn babies were evacuated without any of their paperwork or records. We need you and your expert knowledge to help us match the babies to their parents! Use the following traits and their dominant and recessive genes:

|  |  |  |
| --- | --- | --- |
| **Trait**  | **Dominant Phenotype** | **Recessive Phenotype** |
| Eye Color (E) | Brown | Blue |
| Hair Color (C) | Dark | Light |
| Freckles (F) | None | Freckles |
| Skin (S) | Dark | Light |
| Hair Texture (T) | Curly | Straight |



Baby #1 Baby #2

Eyes: Brown Eyes: Brown

Hair: Light Hair: Dark

Freckles: None Freckles: Yes

Skin: Light Skin: Light

Hair Texture: Straight Hair Texture: Straight

Baby #3 Baby #4

Eyes: Brown Eyes: Blue

Hair: Dark Hair: Dark

Freckles: None Freckles: None

Skin: Dark Skin: Dark

Hair Texture: Curly Hair Texture: Curly

Luckily, all of the potential parents know their genotypes. Use the parents’ genotypes to make punnett squares and match these adorable babies to their rightful parents!

**Parents #1: Harold and Amy**

Harold:

Eyes: Brown (EE)

Hair: Dark (Hh)

Freckles: None (Ff)

Skin: Dark (SS)

Hair Texture: Curly (TT)

Amy:

Eyes: Blue (ee)

Hair: Dark (HH)

Freckles: None (Ff)

Skin: Dark (Ss)

Hair Texture: Straight (tt)

*Who’s our baby? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Parents #2: Tim and Becky**

Tim:

Eyes: Brown (BB)

Hair: Light (hh)

Freckles: Yes (ff)

Skin: Light (ss)

Hair Texture: Straight (tt)

Becky:

Eyes: Blue (bb)

Hair: Dark (HH)

Freckles: Yes (ff)

Skin: Dark (Ss)
Hair Texture: Straight (tt)

*Who’s our baby? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Parents #3: Henry and Michelle**

Henry:

Eyes: Brown (Ee)

Hair: Light (hh)

Freckles: None (FF)

Skin: Dark (SS)

Hair Texture: Curly (TT)

Michelle:

Eyes: Blue (ee)

Hair: Dark (HH)

Freckles: None (Ff)

Skin: Dark (Ss)

Hair Texture: Straight (tt)

*Who’s our baby? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Parents #4: David and Leslie**

David:

Eyes: Brown (EE)

Hair: Dark (Hh)

Freckles: Yes (ff)

Skin: Light (ss)

Hair Texture: Curly (Tt)

Leslie:

Eyes: Blue (ee)

Hair: Dark (Hh)

Freckles: None (Ff)

Skin: Light (ss)

Hair Texture: Straight (tt)

*Who’s our baby? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*