

Chromo-Cross Cards:

CHROMO-CROSS CARD 1

1. Mom has **Type A** blood because she has an **A gene** (red streamer in right hand) and an **O gene** (yellow streamer in left hand)
2. Dad has **Type B** blood because he has a **B gene** (blue streamer in right hand) and an **O gene** (yellow streamer in left hand)
3. Chromosomes duplicate! (Mom and Dad pick up an extra copy of each chromosome for each hand)
4. **Likli' Hood 1 - Random Runner** take an **A gene** from Mom (red streamer) to **Likli' Hood 1** and place it in his or her right hand. Take a **B gene** (blue streamer) from Dad to **Likli' Hood 1** and place it in his or her left hand. **Likli' Hood 1** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
5. **Likli' Hood 2 - Random Runner** take an **O gene** from Mom (yellow streamer) to **Likli' Hood 2** and place it in his or her right hand. Take a **B gene** (blue streamer) from Dad to **Likli' Hood 2** and place it in his or her left hand. **Likli' Hood 1** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
6. **Likli' Hood 3 - Random Runner** take an **A gene** from Mom (red streamer) to **Likli' Hood 1** and place it in his or her right hand. Take an **O gene** (yellow streamer) from Dad to **Likli' Hood 3** and place it in his or her left hand. **Likli' Hood 3** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
7. **Likli' Hood 4 - Random Runner** take an **O gene** from Mom (yellow streamer) to **Likli' Hood 4** and place it in his or her right hand. Take an **O gene** (yellow streamer) from Dad to **Likli' Hood 4** and place it in his or her left hand. **Likli' Hood 4** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist “What **would** be your blood type?”



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Chromo-Cross Cards:

CHROMO- CROSS CARD 2

1. Mom has **Type O** blood because she has an **O gene** (yellow streamer in **right** hand) and an **O gene** (yellow streamer in **left** hand)
2. Dad has **Type A** blood because he has a **A gene** (red streamer in **right** hand) and an **O gene** (yellow streamer in **left** hand)
3. Chromosomes duplicate! (Mom and Dad pick up an extra copy of each chromosome for each hand)
4. **Likli' Hood 1 - Random Runner** take an **O gene** from **Mom** (yellow streamer) to **Likli' Hood 1** and place it in his or her **right** hand. Take an **A gene** (red streamer) from **Dad** to **Likli' Hood 1** and place it in his or her **left** hand. **Likli' Hood 1** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
5. **Likli' Hood 2 - Random Runner** take an **O gene** from **Mom** (yellow streamer) to **Likli' Hood 2** and place it in his or her **right** hand. Take an **A gene** (red streamer) from **Dad** to **Likli' Hood 2** and place it in his or her **left** hand. **Likli' Hood 1** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
6. **Likli' Hood 3 - Random Runner** take an **O gene** from **Mom** (yellow streamer) to **Likli' Hood 1** and place it in his or her **right** hand. Take an **O gene** (yellow streamer) from **Dad** to **Likli' Hood 3** and place it in his or her **left** hand. **Likli' Hood 3** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
7. **Likli' Hood 4 - Random Runner** take an **O gene** from **Mom** (yellow streamer) to **Likli' Hood 4** and place it in his or her **right** hand. Take an **O gene** (yellow streamer) from **Dad** to **Likli' Hood 4** and place it in his or her **left** hand. **Likli' Hood 4** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist “What **would** be your blood type?”



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Chromo-Cross Cards:

CHROMO- CROSS CARD 3

1. Mom has **Type AB** blood because she has an **A gene** (red streamer in **right** hand) and an **B gene** (blue streamer in **left** hand)
2. Dad has **Type A** blood because he has a **A gene** (red streamer in **right** hand) and an **A gene** (red streamer in **left** hand)
3. Chromosomes duplicate! (Mom and Dad pick up an extra copy of each chromosome for each hand)
4. **Likli' Hood 1 - Random Runner** take an **A gene** from **Mom** (red streamer) to **Likli' Hood 1** and place it in his or her **right** hand. Take an **A gene** (red streamer) from **Dad** to **Likli' Hood 1** and place it in his or her **left** hand. **Likli' Hood 1** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
5. **Likli' Hood 2 - Random Runner** take a **B gene** from **Mom** (blue streamer) to **Likli' Hood 2** and place it in his or her **right** hand. Take an **A gene** (red streamer) from **Dad** to **Likli' Hood 2** and place it in his or her **left** hand. **Likli' Hood 1** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
6. **Likli' Hood 3 - Random Runner** take an **A gene** from **Mom** (red streamer) to **Likli' Hood 1** and place it in his or her **right** hand. Take an **A gene** (red streamer) from **Dad** to **Likli' Hood 3** and place it in his or her **left** hand. **Likli' Hood 3** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
7. **Likli' Hood 4 - Random Runner** take an **B gene** from **Mom** (blue streamer) to **Likli' Hood 4** and place it in his or her **right** hand. Take an **A gene** (red streamer) from **Dad** to **Likli' Hood 4** and place it in his or her **left** hand. **Likli' Hood 4** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist “What **would** be your blood type?”



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Chromo-Cross Cards:

CHROMO- CROSS CARD 4

1. Mom has **Type B** blood because she has an **B gene** (blue streamer in right hand) and an **O gene** (yellow streamer in left hand)
2. Dad has **Type B** blood because he has a **B gene** (blue streamer in right hand) and an **B gene** (blue streamer in left hand)
3. Chromosomes duplicate! (Mom and Dad pick up an extra copy of each chromosome for each hand)
4. **Likli' Hood 1 - Random Runner** take a **B gene** from Mom (blue streamer) to **Likli' Hood 1** and place it in his or her right hand. Take an **B gene** (blue streamer) from Dad to **Likli' Hood 1** and place it in his or her left hand. **Likli' Hood 1** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
5. **Likli' Hood 2 - Random Runner** take an **O gene** from Mom (yellow streamer) to **Likli' Hood 2** and place it in his or her right hand. Take an **B gene** (blue streamer) from Dad to **Likli' Hood 2** and place it in his or her left hand. **Likli' Hood 1** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
6. **Likli' Hood 3 - Random Runner** take a **B gene** from Mom (blue streamer) to **Likli' Hood 1** and place it in his or her right hand. Take a **B gene** (blue streamer) from Dad to **Likli' Hood 3** and place it in his or her left hand. **Likli' Hood 3** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
7. **Likli' Hood 4 - Random Runner** take an **O gene** from Mom (yellow streamer) to **Likli' Hood 4** and place it in his or her right hand. Take an **B gene** (blue streamer) from Dad to **Likli' Hood 4** and place it in his or her left hand. **Likli' Hood 4** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist “What **would** be your blood type?”



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Chromo-Cross Cards:

CHROMO-CROSS CARD 5

1. Mom has **Type A** blood because she has an **A gene** (red streamer in right hand) and an **O gene** (yellow streamer in left hand)
2. Dad has **Type AB** blood because he has an **A gene** (red streamer in right hand) and a **B gene** (blue streamer in left hand)
3. Chromosomes duplicate! (Mom and Dad pick up an extra copy of each chromosome for each hand)
4. **Likli' Hood 1 - Random Runner** take an **A gene** from **Mom** (red streamer) to **Likli' Hood 1** and place it in his or her **right** hand. Take an **A gene** (red streamer) from **Dad** to **Likli' Hood 1** and place it in his or her **left** hand. **Likli' Hood 1** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
5. **Likli' Hood 2 - Random Runner** take an **O gene** from **Mom** (yellow streamer) to **Likli' Hood 2** and place it in his or her **right** hand. Take an **A gene** (red streamer) from **Dad** to **Likli' Hood 2** and place it in his or her **left** hand. **Likli' Hood 1** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
6. **Likli' Hood 3 - Random Runner** take an **A gene** from **Mom** (red streamer) to **Likli' Hood 1** and place it in his or her **right** hand. Take a **B gene** (blue streamer) from **Dad** to **Likli' Hood 3** and place it in his or her **left** hand. **Likli' Hood 3** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist, “What **would** be your blood type?”
7. **Likli' Hood 4 - Random Runner** take an **O gene** from **Mom** (yellow streamer) to **Likli' Hood 4** and place it in his or her **right** hand. Take a **B gene** (blue streamer) from **Dad** to **Likli' Hood 4** and place it in his or her **left** hand. **Likli' Hood 4** stand up – you have two chromosomes with two genes to determine your blood type, so should you exist “What **would** be your blood type?”



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