

One Point Crossover

Parent

1	0	0	1	1	0	0	0	1	0	1	0	1	1	0	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Chromosomes

1	1	1	0	1	1	0	0	0	0	0	0	1	1	0	1
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Crossover Point

Offspring

1	0	0	1	1	0	0	0	1	0	1	1	1	0	1	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Chromosomes

1	1	1	0	1	1	0	0	0	0	0	0	0	1	1	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Two Point Crossover

Parent

1	0	0	1	1	0	0	0	1	0	1	0	1	1	0	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Chromosomes

1	1	1	0	1	1	0	0	0	0	0	0	1	1	0	1
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Crossover Points

Offspring

1	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Chromosomes

1	1	1	0	1	0	0	0	1	0	1	1	1	0	1	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Uniform Crossover

Parent

1	0	0	1	1	0	0	0	1	0	1	0	1	1	0	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Chromosomes

1	1	1	0	1	1	0	0	0	0	0	1	1	0	1	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Offspring

1	1	0	0	1	1	0	0	0	0	1	0	1	0	0	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Chromosomes

1	0	1	1	1	0	0	0	1	0	0	1	1	1	1	0
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