Object diagrams

Diagram 1

Artjom

has · operates with · operates with · operates with · operates with · operates with · operates with

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 0	Seeds = 1	Seeds = 0	Seeds = 4	Seeds = 2	Seeds = 0

next of · next of · next of · next of · next of · next of

Turn

Artjom's store
Seeds = 11

Ulno's store
Seeds = 16

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 2

next of · next of · next of · next of · next of · next of

operates with · operates with · operates with · operates with · operates with · operates with

of · has

Ulno

Diagram 2

Artjom

has · operates with · operates with · operates with · operates with · operates with · operates with

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0

next of · next of · next of · next of · next of · next of

Turn

Artjom's store
Seeds = 19

Ulno's store
Seeds = 17

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0

next of · next of · next of · next of · next of · next of

operates with · operates with · operates with · operates with · operates with · operates with

has

Ulno

Diagram 3

Artjom

has · operates with · operates with · operates with · operates with · operates with · operates with

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 5	Seeds = 5	Seeds = 2	Seeds = 2	Seeds = 2	Seeds = 0

next of · next of · next of · next of · next of · next of

Turn

Artjom's store
Seeds = 8

Ulno's store
Seeds = 6

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 6

next of · next of · next of · next of · next of · next of

operates with · operates with · operates with · operates with · operates with · operates with

of · has

Ulno

Diagram 1

Artjom — has — operates with (×6)

Turn

Pit 12 — Seeds = 0 | Pit 11 — Seeds = 0 | Pit 10 — Seeds = 0 | Pit 9 — Seeds = 0 | Pit 8 — Seeds = 0 | Pit 7 — Seeds = 0

next of (×6)

Artjom's store — Seeds = 29

Ulno's store — Seeds = 7

opposite of (×6)

Message13

Pit 1 — Seeds = 0 | Pit 2 — Seeds = 0 | Pit 3 — Seeds = 0 | Pit 4 — Seeds = 0 | Pit 5 — Seeds = 0 | Pit 6 — Seeds = 0

next of (×6)

operates with (×6)

Ulno — has

Diagram 2

of — Artjom — has — operates with (×6)

Turn

Pit 12 — Seeds = 1 | Pit 11 — Seeds = 0 | Pit 10 — Seeds = 0 | Pit 9 — Seeds = 0 | Pit 8 — Seeds = 0 | Pit 7 — Seeds = 0

next of (×6)

Artjom's store — Seeds = 14

Ulno's store — Seeds = 17

opposite of (×6)

Message13

Pit 1 — Seeds = 0 | Pit 2 — Seeds = 0 | Pit 3 — Seeds = 0 | Pit 4 — Seeds = 2 | Pit 5 — Seeds = 2 | Pit 6 — Seeds = 0

next of (×6)

operates with (×6)

Ulno — has

Diagram 3

Artjom — has — operates with (×6)

Turn

Pit 12 — Seeds = 0 | Pit 11 — Seeds = 0 | Pit 10 — Seeds = 0 | Pit 9 — Seeds = 0 | Pit 8 — Seeds = 0 | Pit 7 — Seeds = 0

next of (×6)

Artjom's store — Seeds = 15

Ulno's store — Seeds = 21

opposite of (×6)

Message13

Pit 1 — Seeds = 0 | Pit 2 — Seeds = 0 | Pit 3 — Seeds = 0 | Pit 4 — Seeds = 0 | Pit 5 — Seeds = 0 | Pit 6 — Seeds = 0

next of (×6)

operates with (×6)

Ulno — has

Diagram 1

Artjom

of · has

operates with · operates with · operates with · operates with · operates with · operates with

next of · next of · next of · next of · next of · next of

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 2	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0

Turn

Artjom's store — Seeds = 13

Ulno's store — Seeds = 10

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13 · next of · next of · next of · next of · next of · next of

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 1	Seeds = 1	Seeds = 0	Seeds = 0	Seeds = 8	Seeds = 1

operates with · operates with · operates with · operates with · operates with · operates with

Ulno

has · next of

Diagram 2

Artjom

has

operates with · operates with · operates with · operates with · operates with · operates with

next of · next of · next of · next of · next of · next of

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0

Turn

Artjom's store — Seeds = 14

Ulno's store — Seeds = 22

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13 · next of · next of · next of · next of · next of · next of

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0

operates with · operates with · operates with · operates with · operates with · operates with

Ulno

has

Diagram 3

Artjom

has

operates with · operates with · operates with · operates with · operates with · operates with

next of · next of · next of · next of · next of · next of

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 0	Seeds = 2	Seeds = 0	Seeds = 0	Seeds = 1	Seeds = 1

Turn

Artjom's store — Seeds = 13

Ulno's store — Seeds = 17

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13 · next of · next of · next of · next of · next of · next of

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 2

operates with · operates with · operates with · operates with · operates with · operates with

of · Ulno · has

Diagram 1

Artjom — has

operates with · operates with · operates with · operates with · operates with · operates with

| Pit 12 Seeds = 0 | Pit 11 Seeds = 0 | Pit 10 Seeds = 0 | Pit 9 Seeds = 0 | Pit 8 Seeds = 0 | Pit 7 Seeds = 0 |

next of · next of · next of · next of · next of · next of

Turn

Artjom's store Seeds = 18 — Ulno's store Seeds = 18

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13

| Pit 1 Seeds = 0 | Pit 2 Seeds = 0 | Pit 3 Seeds = 0 | Pit 4 Seeds = 0 | Pit 5 Seeds = 0 | Pit 6 Seeds = 0 |

next of · next of · next of · next of · next of · next of

operates with · operates with · operates with · operates with · operates with · operates with

Ulno — has

Diagram 2

Artjom — has

operates with · operates with · operates with · operates with · operates with · operates with

| Pit 12 Seeds = 4 | Pit 11 Seeds = 2 | Pit 10 Seeds = 3 | Pit 9 Seeds = 1 | Pit 8 Seeds = 1 | Pit 7 Seeds = 0 |

next of · next of · next of · next of · next of · next of

Turn

Artjom's store Seeds = 11 — Ulno's store Seeds = 12

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13

| Pit 1 Seeds = 2 | Pit 2 Seeds = 0 | Pit 3 Seeds = 0 | Pit 4 Seeds = 0 | Pit 5 Seeds = 0 | Pit 6 Seeds = 0 |

next of · next of · next of · next of · next of · next of

operates with · operates with · operates with · operates with · operates with · operates with

of — Ulno — has

Diagram 3

of — Artjom — has

operates with · operates with · operates with · operates with · operates with · operates with

| Pit 12 Seeds = 4 | Pit 11 Seeds = 2 | Pit 10 Seeds = 0 | Pit 9 Seeds = 1 | Pit 8 Seeds = 1 | Pit 7 Seeds = 0 |

next of · next of · next of · next of · next of · next of

Turn

Artjom's store Seeds = 11 — Ulno's store Seeds = 16

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13

| Pit 1 Seeds = 0 | Pit 2 Seeds = 1 | Pit 3 Seeds = 0 | Pit 4 Seeds = 0 | Pit 5 Seeds = 0 | Pit 6 Seeds = 0 |

next of · next of · next of · next of · next of · next of

operates with · operates with · operates with · operates with · operates with · operates with

Ulno — has

Diagram 1:
Artjom — operates with → Pit 12 (Seeds = 0), Pit 11 (Seeds = 2), Pit 10 (Seeds = 0), Pit 9 (Seeds = 1), Pit 8 (Seeds = 1), Pit 7 (Seeds = 0)
Artjom's store (Seeds = 12), Ulno's store (Seeds = 16)
Pit 1 (Seeds = 1), Pit 2 (Seeds = 2), Pit 3 (Seeds = 1), Pit 4 (Seeds = 0), Pit 5 (Seeds = 0), Pit 6 (Seeds = 0) — Ulno
Turn — has / of — Message13 — next of — opposite of

Diagram 2:
Artjom — operates with → Pit 12 (Seeds = 0), Pit 11 (Seeds = 2), Pit 10 (Seeds = 0), Pit 9 (Seeds = 0), Pit 8 (Seeds = 1), Pit 7 (Seeds = 0)
Artjom's store (Seeds = 12), Ulno's store (Seeds = 18)
Pit 1 (Seeds = 1), Pit 2 (Seeds = 0), Pit 3 (Seeds = 2), Pit 4 (Seeds = 0), Pit 5 (Seeds = 0), Pit 6 (Seeds = 0) — Ulno
Turn — has / of — Message13 — next of — opposite of

Diagram 3:
Artjom — operates with → Pit 12 (Seeds = 4), Pit 11 (Seeds = 2), Pit 10 (Seeds = 2), Pit 9 (Seeds = 6), Pit 8 (Seeds = 0), Pit 7 (Seeds = 3)
Artjom's store (Seeds = 11), Ulno's store (Seeds = 4)
Pit 1 (Seeds = 2), Pit 2 (Seeds = 0), Pit 3 (Seeds = 1), Pit 4 (Seeds = 0), Pit 5 (Seeds = 0), Pit 6 (Seeds = 1) — Ulno
Turn — has / of — Message13 — next of — opposite of

Board 1

Artjom — of, has, operates with (×6)

Turn

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 4	Seeds = 2	Seeds = 2	Seeds = 0	Seeds = 0	Seeds = 3

next of — next of — next of — next of — next of — next of

Artjom's store — Seeds = 11
Ulno's store — Seeds = 11

opposite of — opposite of — opposite of — opposite of — opposite of — opposite of

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 2	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 1

next of — next of — next of — next of — next of — next of

operates with (×6)

Ulno — has, next of

Board 2

Artjom — has, operates with (×6)

Turn

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 2	Seeds = 1	Seeds = 1	Seeds = 5	Seeds = 0	Seeds = 1

next of — next of — next of — next of — next of — next of

Artjom's store — Seeds = 11
Ulno's store — Seeds = 6

opposite of — opposite of — opposite of — opposite of — opposite of — opposite of

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 4	Seeds = 0	Seeds = 2	Seeds = 3	Seeds = 0

next of — next of — next of — next of — next of — next of

operates with (×6)

Ulno — of, has

Board 3

Artjom — of, has, operates with (×6)

Turn

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 2	Seeds = 1	Seeds = 1	Seeds = 5	Seeds = 0	Seeds = 0

next of — next of — next of — next of — next of — next of

Artjom's store — Seeds = 11
Ulno's store — Seeds = 8

opposite of — opposite of — opposite of — opposite of — opposite of — opposite of

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 4	Seeds = 0	Seeds = 0	Seeds = 4	Seeds = 0

next of — next of — next of — next of — next of — next of

operates with (×6)

Ulno — has

Diagram 1 (top)

Artjom

has · operates with · operates with · operates with · operates with · operates with · operates with

Pit 12 — Seeds = 1 · next of
Pit 11 — Seeds = 2 · next of
Pit 10 — Seeds = 1 · next of
Pit 9 — Seeds = 0 · next of
Pit 8 — Seeds = 0 · next of
Pit 7 — Seeds = 8 · next of

Turn

Artjom's store — Seeds = 6 · next of

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Ulno's store — Seeds = 6

Message13

Pit 1 — Seeds = 0 · next of
Pit 2 — Seeds = 10 · next of
Pit 3 — Seeds = 1 · next of
Pit 4 — Seeds = 0 · next of
Pit 5 — Seeds = 1 · next of
Pit 6 — Seeds = 0 · next of

operates with · operates with · operates with · operates with · operates with · operates with

of · has

Ulno

Diagram 2 (middle)

of · has

Artjom

operates with · operates with · operates with · operates with · operates with · operates with

Pit 12 — Seeds = 1 · next of
Pit 11 — Seeds = 2 · next of
Pit 10 — Seeds = 1 · next of
Pit 9 — Seeds = 0 · next of
Pit 8 — Seeds = 0 · next of
Pit 7 — Seeds = 0 · next of

Turn

Artjom's store — Seeds = 6 · next of

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Ulno's store — Seeds = 15

Message13

Pit 1 — Seeds = 0 · next of
Pit 2 — Seeds = 10 · next of
Pit 3 — Seeds = 1 · next of
Pit 4 — Seeds = 0 · next of
Pit 5 — Seeds = 0 · next of
Pit 6 — Seeds = 0 · next of

operates with · operates with · operates with · operates with · operates with · operates with

has

Ulno

Diagram 3 (bottom)

has

Artjom

operates with · operates with · operates with · operates with · operates with · operates with

Pit 12 — Seeds = 7 · next of
Pit 11 — Seeds = 0 · next of
Pit 10 — Seeds = 2 · next of
Pit 9 — Seeds = 2 · next of
Pit 8 — Seeds = 0 · next of
Pit 7 — Seeds = 8 · next of

Turn

Artjom's store — Seeds = 3 · next of

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Ulno's store — Seeds = 12 · next of

Message13

Pit 1 — Seeds = 0 · next of
Pit 2 — Seeds = 0 · next of
Pit 3 — Seeds = 0 · next of
Pit 4 — Seeds = 0 · next of
Pit 5 — Seeds = 0 · next of
Pit 6 — Seeds = 10 · next of

operates with · operates with · operates with · operates with · operates with · operates with

of · has

Ulno

Diagram 1

Artjom — of — has

operates with · operates with · operates with · operates with · operates with · operates with

next of — Pit 12 Seeds = 8 — next of — Pit 11 Seeds = 0 — next of — Pit 10 Seeds = 3 — next of — Pit 9 Seeds = 3 — next of — Pit 8 Seeds = 1 — next of — Pit 7 Seeds = 1 — next of

Turn

Artjom's store Seeds = 4

Ulno's store Seeds = 15

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13

Pit 1 Seeds = 1 — next of — Pit 2 Seeds = 0 — next of — Pit 3 Seeds = 0 — next of — Pit 4 Seeds = 0 — next of — Pit 5 Seeds = 0 — next of — Pit 6 Seeds = 0 — next of

operates with · operates with · operates with · operates with · operates with · operates with

has

Ulno

Diagram 2

Artjom — of — has

operates with · operates with · operates with · operates with · operates with · operates with

next of — Pit 12 Seeds = 3 — next of — Pit 11 Seeds = 0 — next of — Pit 10 Seeds = 1 — next of — Pit 9 Seeds = 4 — next of — Pit 8 Seeds = 2 — next of — Pit 7 Seeds = 2 — next of

Turn

Artjom's store Seeds = 4

Ulno's store Seeds = 3

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13

Pit 1 Seeds = 1 — next of — Pit 2 Seeds = 5 — next of — Pit 3 Seeds = 1 — next of — Pit 4 Seeds = 0 — next of — Pit 5 Seeds = 10 — next of — Pit 6 Seeds = 0 — next of

operates with · operates with · operates with · operates with · operates with · operates with

has

Ulno

Diagram 3

Artjom — has

operates with · operates with · operates with · operates with · operates with · operates with

next of — Pit 12 Seeds = 3 — next of — Pit 11 Seeds = 0 — next of — Pit 10 Seeds = 0 — next of — Pit 9 Seeds = 4 — next of — Pit 8 Seeds = 2 — next of — Pit 7 Seeds = 2 — next of

Turn

Artjom's store Seeds = 10

Ulno's store Seeds = 3

opposite of · opposite of · opposite of · opposite of · opposite of · opposite of

Message13

Pit 1 Seeds = 1 — next of — Pit 2 Seeds = 0 — next of — Pit 3 Seeds = 1 — next of — Pit 4 Seeds = 0 — next of — Pit 5 Seeds = 10 — next of — Pit 6 Seeds = 0 — next of

operates with · operates with · operates with · operates with · operates with · operates with

of — has

Ulno

Diagram 1

Artjom

has

operates with — operates with — operates with — operates with — operates with — operates with

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 10	Seeds = 0	Seeds = 0	Seeds = 3	Seeds = 1	Seeds = 1

next of — next of — next of — next of — next of — next of

Turn

Artjom's store — Seeds = 5

opposite of — opposite of — opposite of — opposite of — opposite of — opposite of

Ulno's store — Seeds = 15

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 1	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0

next of — next of — next of — next of — next of — next of

operates with — operates with — operates with — operates with — operates with — operates with

of — has

Ulno

Diagram 2

of — has

Artjom

operates with — operates with — operates with — operates with — operates with — operates with

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 10	Seeds = 0	Seeds = 0	Seeds = 3	Seeds = 1	Seeds = 1

next of — next of — next of — next of — next of — next of

Turn

Artjom's store — Seeds = 5

opposite of — opposite of — opposite of — opposite of — opposite of — opposite of

Ulno's store — Seeds = 15

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 1	Seeds = 0	Seeds = 0	Seeds = 0	Seeds = 0

next of — next of — next of — next of — next of — next of

operates with — operates with — operates with — operates with — operates with — operates with

has

Ulno

Diagram 3

has

Artjom

operates with — operates with — operates with — operates with — operates with — operates with

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 3	Seeds = 1	Seeds = 1	Seeds = 0	Seeds = 7	Seeds = 2

next of — next of — next of — next of — next of — next of

Turn

Artjom's store — Seeds = 4

opposite of — opposite of — opposite of — opposite of — opposite of — opposite of

Ulno's store — Seeds = 3

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 4	Seeds = 1	Seeds = 4	Seeds = 6	Seeds = 0	Seeds = 0

next of — next of — next of — next of — next of — next of

operates with — operates with — operates with — operates with — operates with — operates with

of — has

Ulno

Diagram 1

Artjom

- of
- has
- operates with (×6)

Turn

Artjom's store — Seeds = 4

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 3	Seeds = 1	Seeds = 1	Seeds = 0	Seeds = 7	Seeds = 2

next of (between pits)

opposite of (×6)

Ulno's store — Seeds = 3

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 4	Seeds = 0	Seeds = 5	Seeds = 6	Seeds = 0	Seeds = 0

next of (between pits)

operates with (×6)

Ulno

has

Diagram 2

Artjom

has

operates with (×6)

Turn

Artjom's store — Seeds = 12

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 1	Seeds = 1	Seeds = 1	Seeds = 0	Seeds = 0	Seeds = 0

next of (between pits)

opposite of (×6)

Ulno's store — Seeds = 10

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 1	Seeds = 1	Seeds = 3	Seeds = 0	Seeds = 6	Seeds = 0

next of (between pits)

operates with (×6)

of

has

Ulno

Diagram 3

Artjom

- of
- has
- operates with (×6)

Turn

Artjom's store — Seeds = 12

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 1	Seeds = 1	Seeds = 1	Seeds = 0	Seeds = 0	Seeds = 0

next of (between pits)

opposite of (×6)

Ulno's store — Seeds = 10

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 1	Seeds = 1	Seeds = 0	Seeds = 1	Seeds = 7	Seeds = 1

next of (between pits)

operates with (×6)

has

Ulno

Graph 1 (Turn)

- Artjom — has, operates with (Pit 7–Pit 12)
- Pit 12: Seeds = 1
- Pit 11: Seeds = 2
- Pit 10: Seeds = 0
- Pit 9: Seeds = 0
- Pit 8: Seeds = 0
- Pit 7: Seeds = 0
- Artjom's store: Seeds = 12
- Ulno's store: Seeds = 10
- Pit 1: Seeds = 1
- Pit 2: Seeds = 1
- Pit 3: Seeds = 0
- Pit 4: Seeds = 1
- Pit 5: Seeds = 7
- Pit 6: Seeds = 1
- Ulno — operates with, has, of
- Labels: next of, opposite of, Message13

Graph 2 (Turn)

- Artjom — of, has, operates with
- Pit 12: Seeds = 1
- Pit 11: Seeds = 2
- Pit 10: Seeds = 0
- Pit 9: Seeds = 0
- Pit 8: Seeds = 0
- Pit 7: Seeds = 0
- Artjom's store: Seeds = 12
- Ulno's store: Seeds = 10
- Pit 1: Seeds = 1
- Pit 2: Seeds = 1
- Pit 3: Seeds = 0
- Pit 4: Seeds = 0
- Pit 5: Seeds = 8
- Pit 6: Seeds = 1
- Ulno — operates with, has
- Labels: next of, opposite of, Message13

Graph 3 (Turn)

- Artjom — has, operates with
- Pit 12: Seeds = 0
- Pit 11: Seeds = 6
- Pit 10: Seeds = 6
- Pit 9: Seeds = 2
- Pit 8: Seeds = 1
- Pit 7: Seeds = 0
- Artjom's store: Seeds = 3
- Ulno's store: Seeds = 1
- Pit 1: Seeds = 0
- Pit 2: Seeds = 0
- Pit 3: Seeds = 7
- Pit 4: Seeds = 6
- Pit 5: Seeds = 4
- Pit 6: Seeds = 0
- Ulno — operates with, has, of
- Labels: next of, opposite of, Message13

Diagram 1

Artjom — of, has, operates with (×6)

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 0	Seeds = 6	Seeds = 6	Seeds = 2	Seeds = 2	Seeds = 1

next of — opposite of

Turn

Artjom's store — Seeds = 3
Ulno's store — Seeds = 2

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 0	Seeds = 7	Seeds = 6	Seeds = 0	Seeds = 1

operates with (×6)

Ulno — has

Diagram 2

Artjom — has, operates with (×6)

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 0	Seeds = 9	Seeds = 1	Seeds = 3	Seeds = 1	Seeds = 0

next of — opposite of

Turn

Artjom's store — Seeds = 5
Ulno's store — Seeds = 4

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 2	Seeds = 8	Seeds = 0	Seeds = 0	Seeds = 3

operates with (×6)

Ulno — of, has

Diagram 3

Artjom — of, has, operates with (×6)

Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7
Seeds = 0	Seeds = 9	Seeds = 1	Seeds = 3	Seeds = 2	Seeds = 1

next of — opposite of

Turn

Artjom's store — Seeds = 5
Ulno's store — Seeds = 5

Message13

Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6
Seeds = 0	Seeds = 2	Seeds = 8	Seeds = 0	Seeds = 0	Seeds = 0

operates with (×6)

Ulno — has

Board 1

Turn — Artjom — has / of

Artjom — operates with — Pit 12, Pit 11, Pit 10, Pit 9, Pit 8, Pit 7

	Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7	
Artjom's store	Seeds = 0	Seeds = 0	Seeds = 4	Seeds = 6	Seeds = 7	Seeds = 1	Ulno's store
Seeds = 2							Seeds = 2
	Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6	
	Seeds = 2	Seeds = 1	Seeds = 3	Seeds = 6	Seeds = 0	Seeds = 2	

next of / opposite of / next of

Message13

Ulno — operates with — Pit 1, Pit 2, Pit 3, Pit 4, Pit 5, Pit 6 — has

Board 2

has — Artjom

Artjom — operates with — Pit 12, Pit 11, Pit 10, Pit 9, Pit 8, Pit 7

	Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7	
Artjom's store	Seeds = 1	Seeds = 1	Seeds = 0	Seeds = 6	Seeds = 7	Seeds = 1	Ulno's store
Seeds = 3							Seeds = 2
	Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6	
	Seeds = 3	Seeds = 1	Seeds = 3	Seeds = 6	Seeds = 0	Seeds = 2	

Turn — next of / opposite of / next of — Message13

Ulno — operates with — Pit 1, Pit 2, Pit 3, Pit 4, Pit 5, Pit 6 — of / has

Board 3

of — has — Artjom

Artjom — operates with — Pit 12, Pit 11, Pit 10, Pit 9, Pit 8, Pit 7

	Pit 12	Pit 11	Pit 10	Pit 9	Pit 8	Pit 7	
Artjom's store	Seeds = 3	Seeds = 3	Seeds = 4	Seeds = 4	Seeds = 4	Seeds = 0	Ulno's store
Seeds = 0							Seeds = 0
	Pit 1	Pit 2	Pit 3	Pit 4	Pit 5	Pit 6	
	Seeds = 0	Seeds = 4	Seeds = 1	Seeds = 5	Seeds = 4	Seeds = 4	

Turn — next of / opposite of / next of — Message13

Ulno — operates with — Pit 1, Pit 2, Pit 3, Pit 4, Pit 5, Pit 6 — has

```
                                    Artjom
          has

                operates with  operates with operates with operates with operates with
                                              operates with  operates with

         next of        next of        next of        next of        next of        next of
    Pit 12 ◄─── Pit 11 ◄─── Pit 10 ◄─── Pit 9 ◄─── Pit 8 ◄─── Pit 7              next of
    Seeds = 4      Seeds = 0      Seeds = 4      Seeds = 4      Seeds = 4      Seeds = 0

          next of   opposite of    opposite of    opposite of    opposite of    opposite of    opposite of

Artjom's store                                                                              Ulno's store
Seeds = 1                                                                                    Seeds = 0

Turn          Message13
                Pit 1 ──── Pit 2 ──── Pit 3 ──── Pit 4 ──── Pit 5 ──── Pit 6       next of
                Seeds = 1      Seeds = 4      Seeds = 1      Seeds = 5      Seeds = 4      Seeds = 4
                   next of        next of        next of        next of        next of

               operates with operates with operates with operates with operates with operates with

          of                                                                    has
                                    Ulno
```