



Puzzle: Balls in boxes

TOTAL POINTS 3

1. Distribute **60** black balls among 10 boxes so that every two boxes have different number of balls (you can put 0 balls in some box if you want to). Fill in numbers of black balls in each box below.
- 1 point

1

+

2

+

3

+

4

+

5

+

6

+

7

+

8

+

9

+

15

=

60

It's impossible

Reset

↩ ↗

2. Distribute **45** black balls among 10 boxes so that every two boxes have different number of balls (you can put 0 balls in some box if you want to). Fill in numbers of black balls in each box below.
- 1 point

1

+

2

+

3

+

4

+

5

+

6

+

7

+

8

+

9

+

0

=

45

It's impossible

Reset

↩ ↗

3. Distribute **30** black balls among 10 boxes so that every two boxes have different number of balls (you can put 0 balls in some box if you want to). Fill in numbers of black balls in each box below.
- 1 point

0

+

1

+

2

+

3

+

4

+

5

+

6

+

7

+

8

+

=

36

It's impossible

Reset

↩ ↗

Save

Submit