


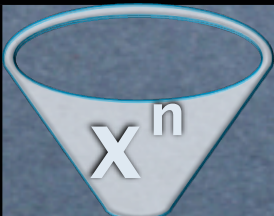


MathWorks Kids Game

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Story #1

- ☐ As a Kid learning mathematics,
- ☐ I want to be able to identify prime numbers
- ☐ So that I can understand what primes are.

Acceptance Criteria

☐ #1

- ☐ Given numbers 1, 2, 3, and 4
- ☐ When using Prime filter and emptying contents of the source bucket to target bucket
- ☐ Then target bucket should contain 2 and 3.

☐ #2

- ☐ Given numbers -1, -2, 3, and 4
- ☐ When using Prime filter and emptying contents of the source bucket to target bucket
- ☐ Then target bucket should contain 3.

Story #2

- As a Kid learning mathematics,
- I want to be able to identify odd numbers
- So that I can grow my understanding of odd numbers.

Acceptance Criteria

☐ #1

- ☐ Given numbers 1, 2, 3, and 4
- ☐ When using the Odd filter and emptying contents of the source bucket to target bucket
- ☐ Then target bucket should contain 1 and 3.

☐ #2




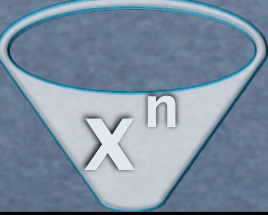
- ☐ Given numbers -1 and 4
- ☐ When using the odd filter and emptying contents of the source bucket to target bucket
- ☐ Then target bucket should contain -1.

Story #3

- As a Kid learning mathematics,
- I want to be able to identify odd primes
- So that I can understand numbers that are odd and primes at the same time.

Acceptance Criteria

- ❑ Given numbers 1, 2, 3, 4 and 5
- ❑ When using the Odd and prime filters and emptying contents of the source bucket to target bucket
- ❑ Then target bucket should contain 3 and 5.



Story #4

- ☐ As a Kid learning mathematics,
- ☐ I want to be able to sum all the numbers that are in the bucket.
- ☐ So that I can grow my understanding of numbers.

Acceptance Criteria

- ❑ Given numbers 5, 7, 10 and 5
- ❑ When using the aggregator and emptying contents of the source bucket to target bucket
- ❑ Then target bucket should contain 27.

Story #5

- As a Kid learning mathematics,
- I want to be able to identify numbers within a range
- So that I can grow my understanding of ranges.

Acceptance Criteria

- ❑ Given there are numbers 5, 7, 10 and 15
- ❑ When using the range between 5..10 and emptying contents of the source bucket to target bucket
- ❑ Then target bucket should contain 5, 7 and 10.

Story #6

- As a Kid learning mathematics,
- I want to be able to sum all odd primes within a range.
- So that I can grow my understanding of numbers.

Acceptance Criteria

- ❑ Given numbers 1, 2, 5, 7, 8, 10 and 15
- ❑ When using the range 2..10 and emptying contents of the source bucket to target bucket
- ❑ Then target bucket should contain 12.