

# Formengi og varpmengi Framhaldsskóli

Hér er verkefni sem er sett fram sem einskona áskorun fyrir nemendur.  
Gert er ráð fyrir að nemendur vinni verkefnið tvö eða þrjú saman í hóp.

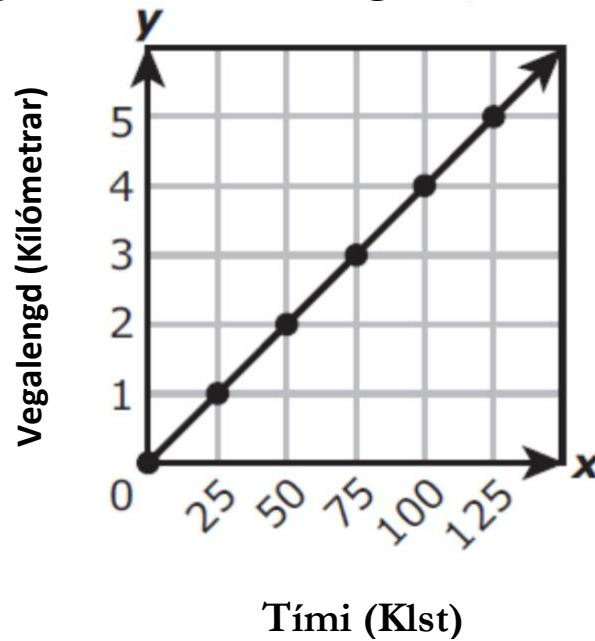
Hægt er að plasta inn blöðin svo hægt sé að nota töflutúss og nota þau aftur og aftur.

Verkefni er fengið frá <https://mathequalslove.net/domain-and-range-challenge/>

# Formengi og myndmengi

## Áskorun 1

Vegalengd sem höfrungur ferðast yfir tíma



Samfellt eða ósamfellt?

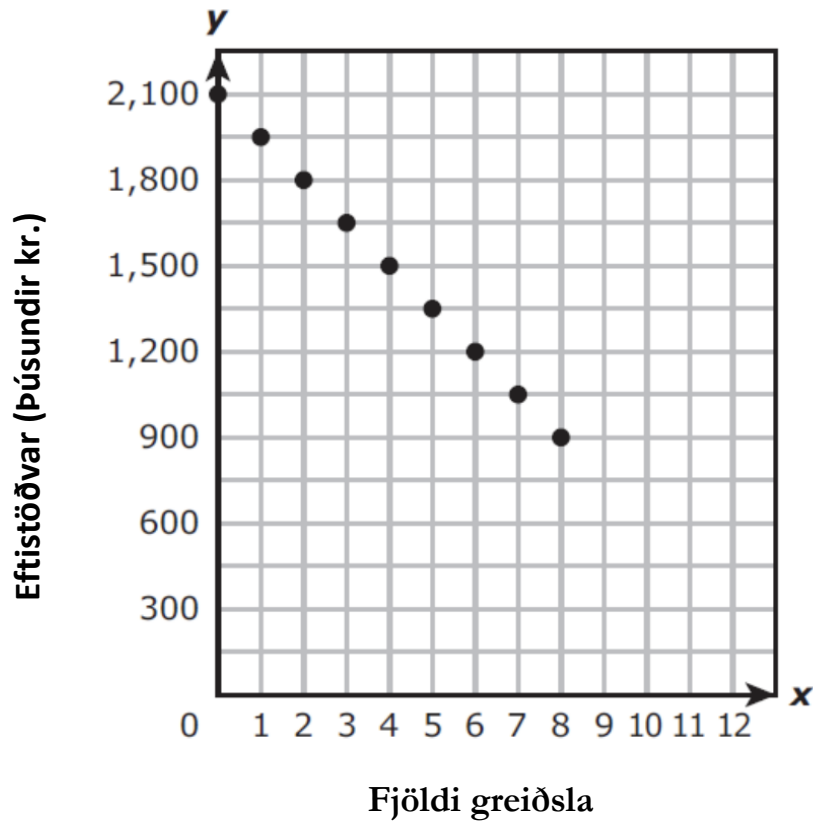
Formengi:

Myndmengi:

# Formengi og myndmengi

## Áskorun 2

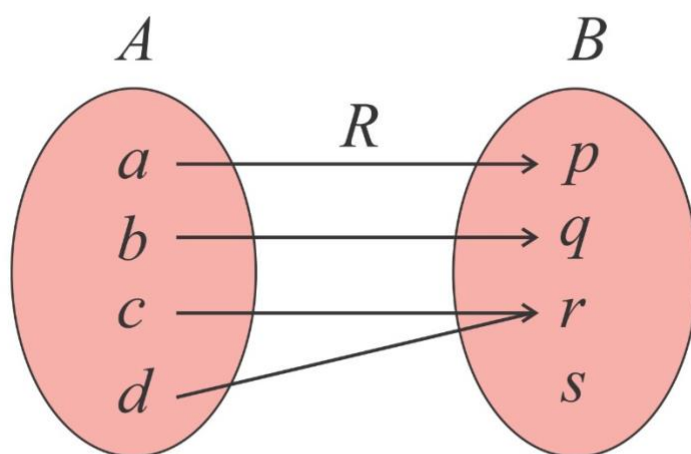
### Eftirstöðvar láns



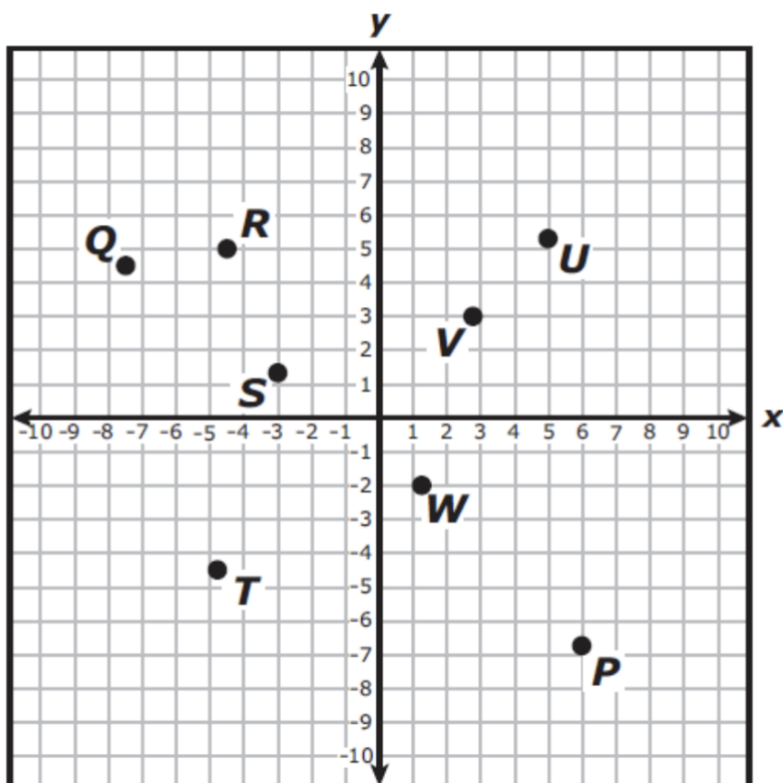
Samfellt eða ósamfellt?

Formengi:

Myndmengi:



### Formengi og myndmengi Áskorun 3

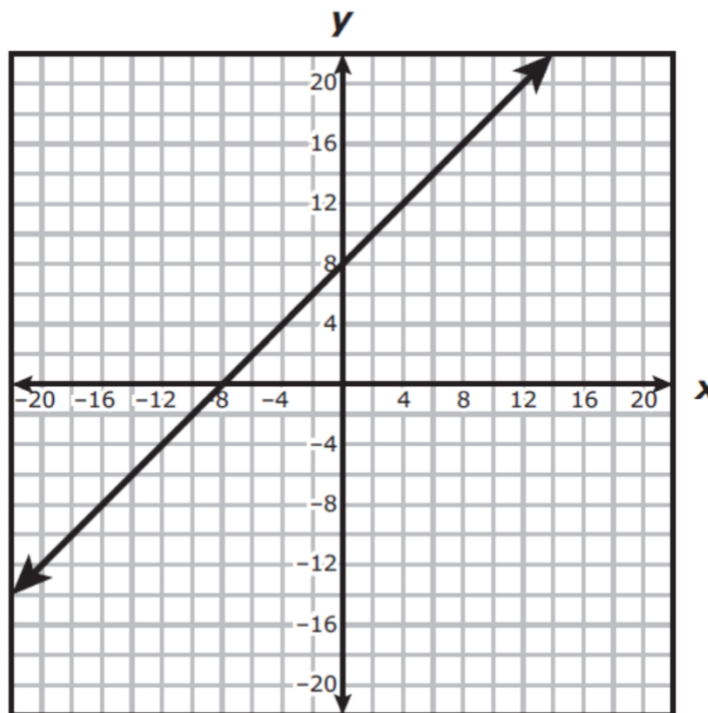


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 4**

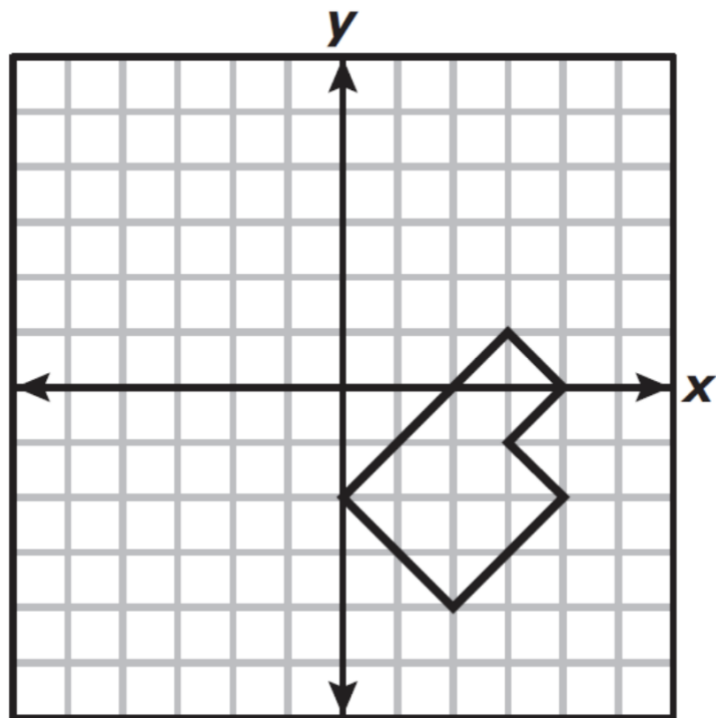


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 5**



Samfellt eða ósamfellt?

Formengi:

Myndmengi:

Formengi og myndmengi  
Áskorun 6

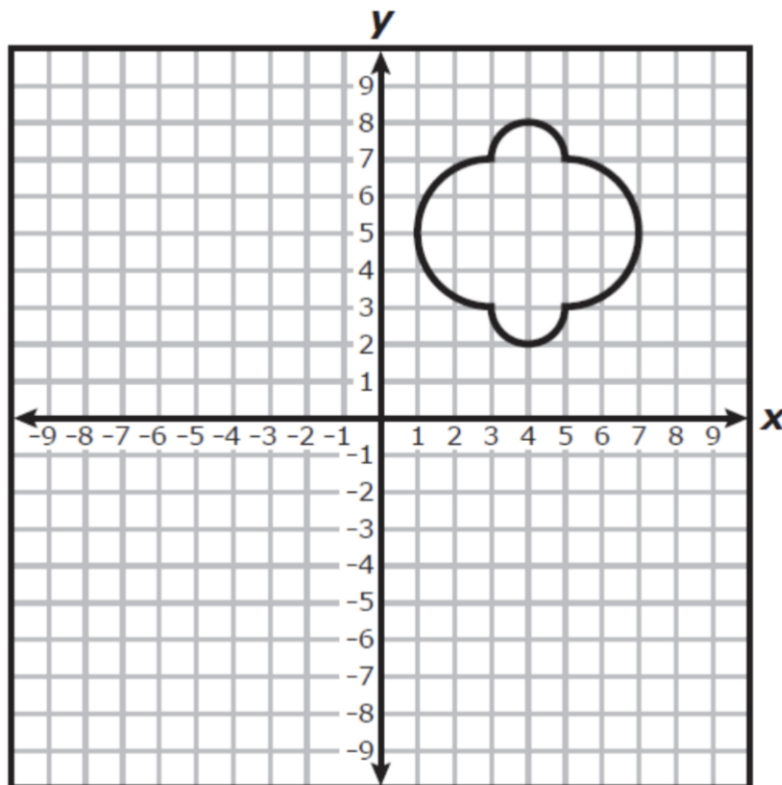
$x$	$y$
0	5
6	7
12	9
15	10

Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 7**



---

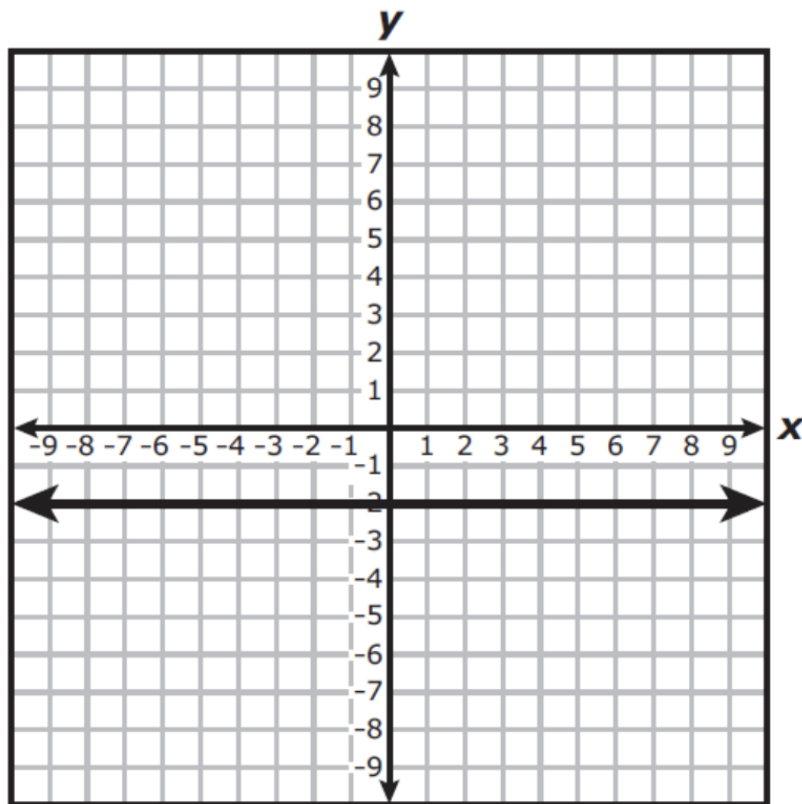
Samfellt eða ósamfellt?



Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 8**

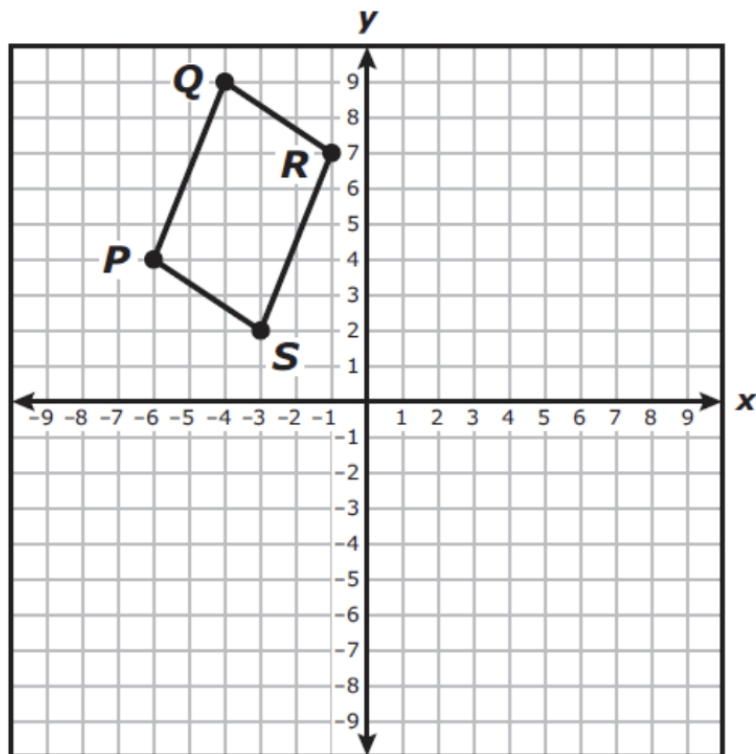


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

Formengi og myndmengi  
Áskorun 9

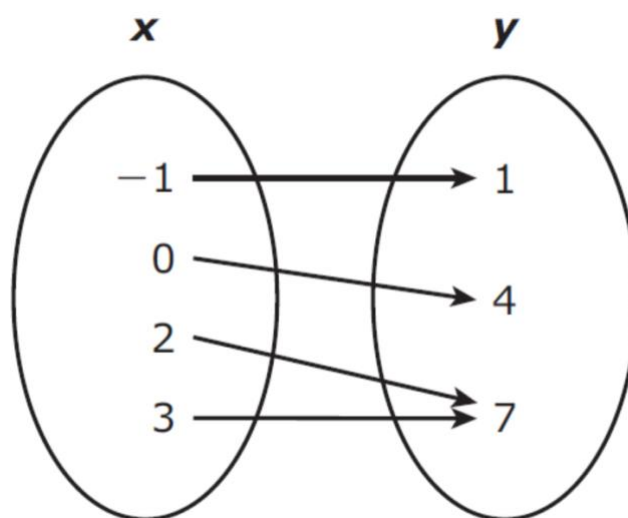


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 10**

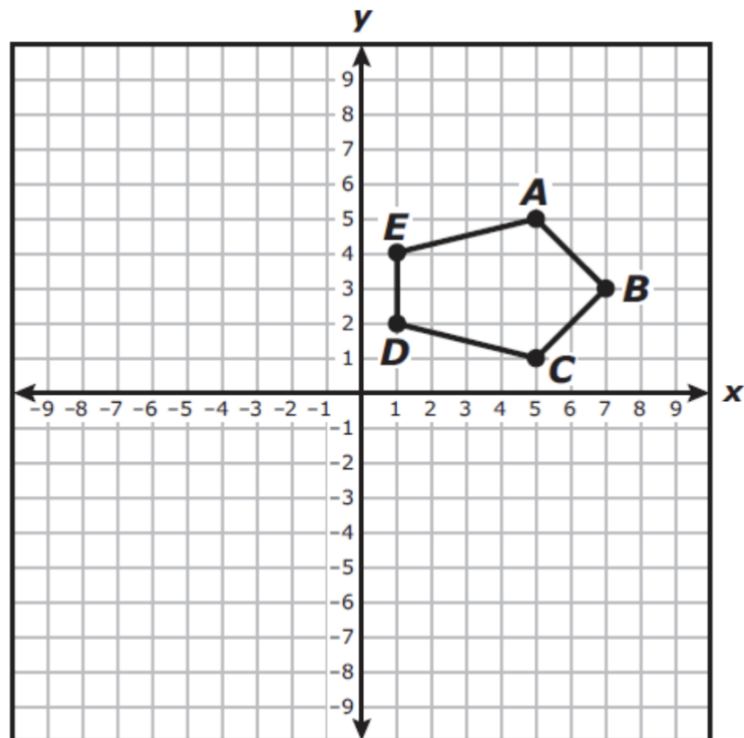


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

### Formengi og myndmengi Áskorun 11

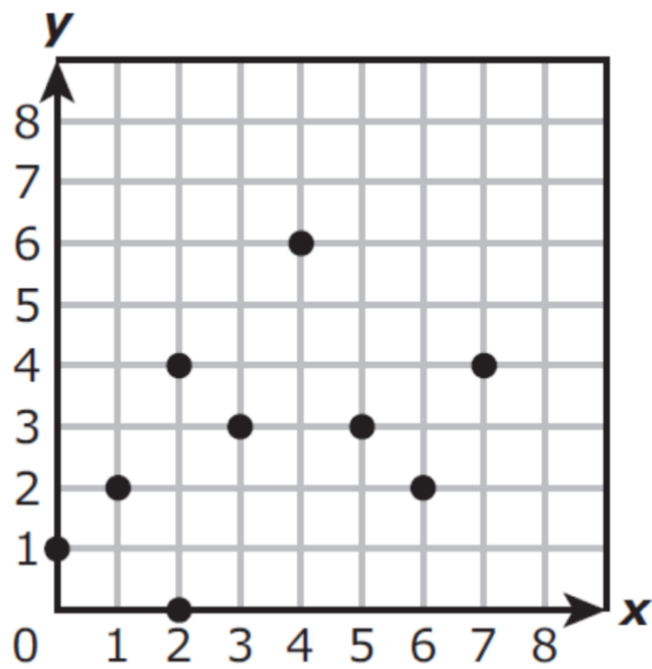


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 12**

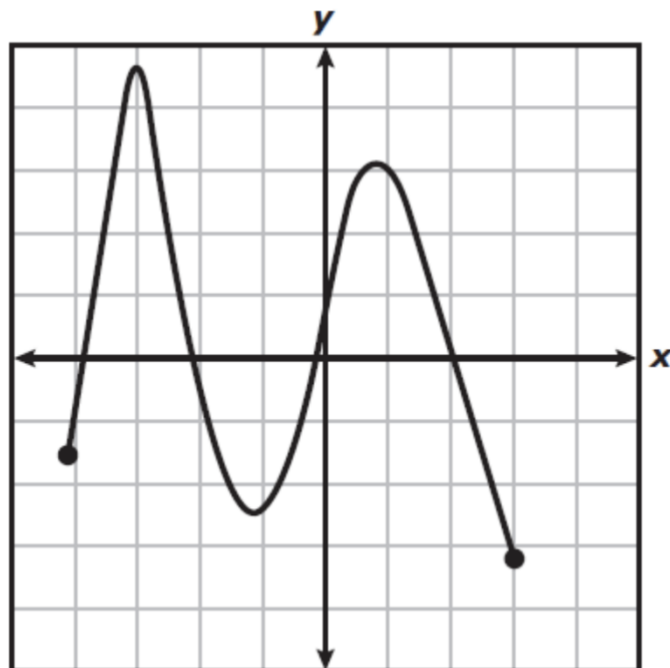


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 13**



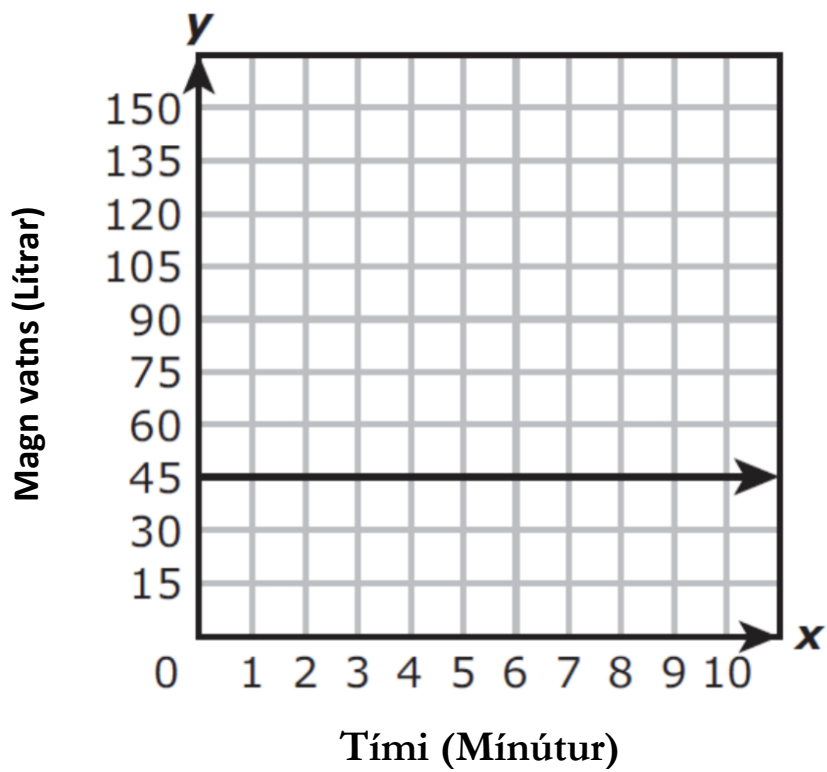
Samfellt eða ósamfellt?

Formengi:

Myndmengi:

### Formengi og myndmengi Áskorun 14

Losunarhraði

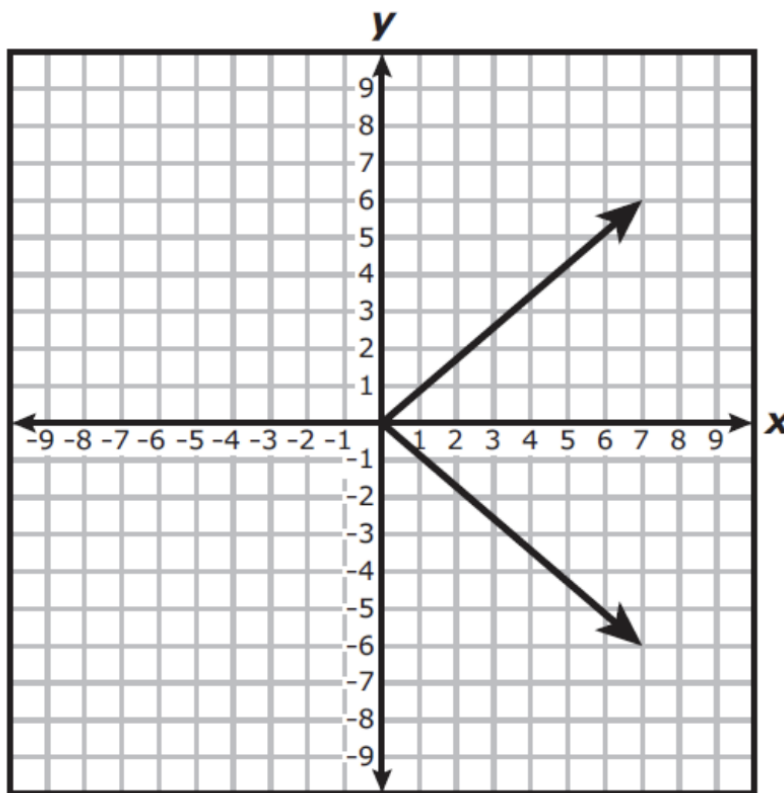


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 15**



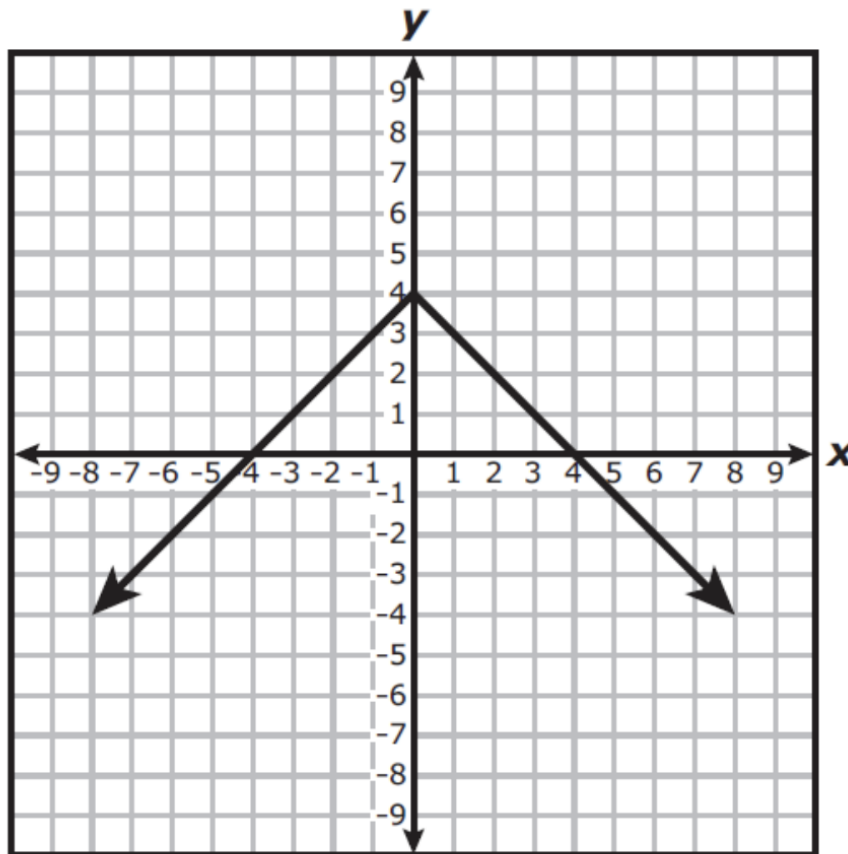
Samfellt eða ósamfellt?



Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 16**

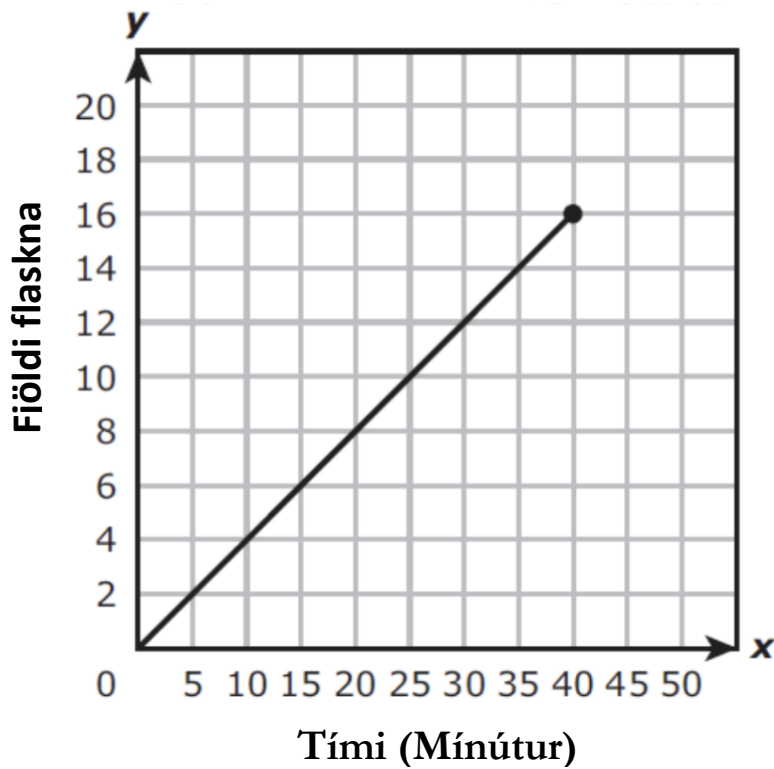


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 17**  
Innipökkun á sjampó flöskum

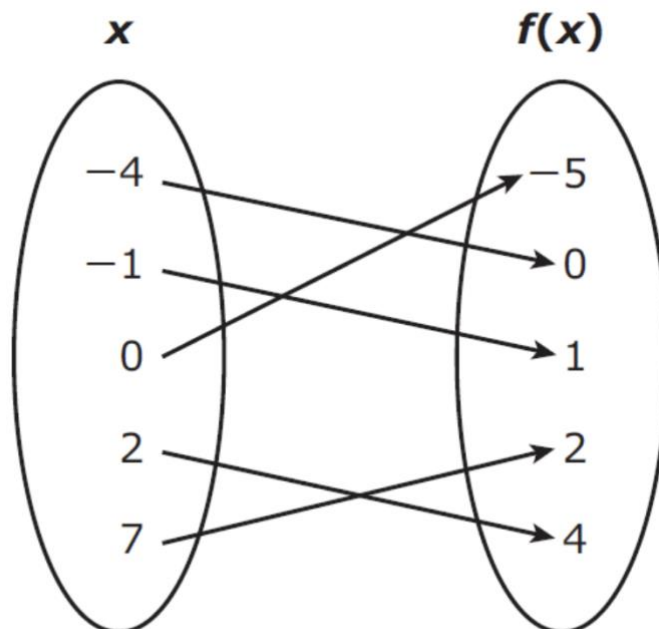


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 18**

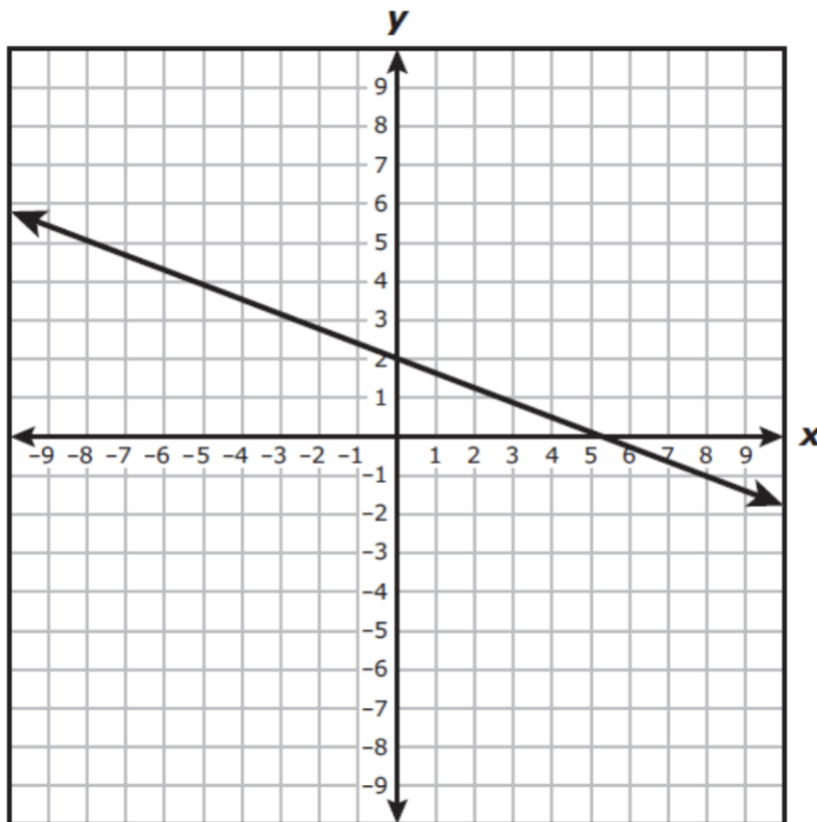


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 19**

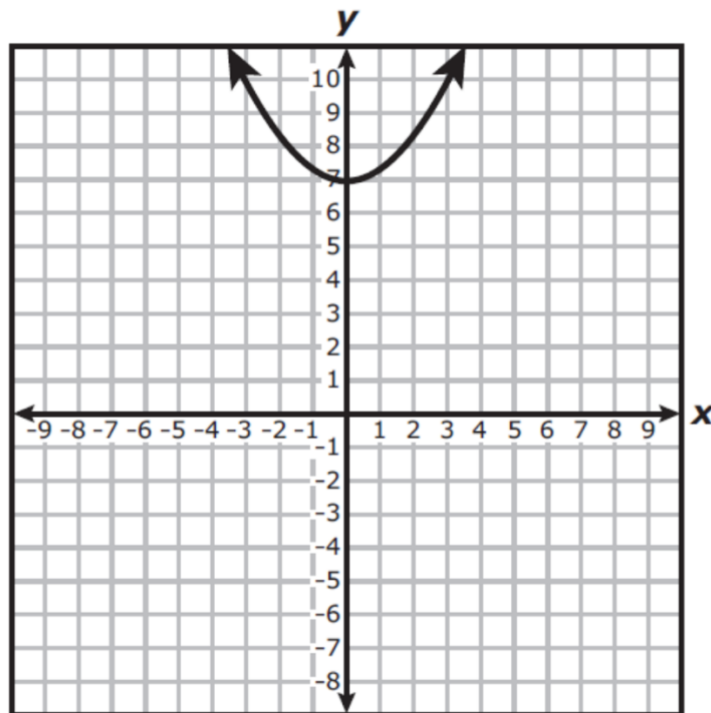


Samfellt eða ósamfellt?

Formengi:

Myndmengi:

**Formengi og myndmengi**  
**Áskorun 20**



Samfellt eða ósamfellt?

Formengi:

Myndmengi: