Poll Results







**Question #2** Considering  $f_n(x) = 0$  if  $x \le n$  and  $f_n(x) = x - n$  if  $x \ge n$ , on [a, b] and on  $\mathbb{R}$ , which of the following statements are true?

- (A)  $\{f_n\}$  does not converge;
- (B)  $\{f_n\}$  converges pointwise on [a, b];
- (C)  $\{f_n\}$  converges pointwise on  $\mathbb{R}$ ;
- (D)  $\{f_n\}$  converges uniformly on [a, b];
- (E)  $\{f_n\}$  converges uniformly on  $\mathbb{R}$ ;
- (F) I have not had sufficient time to think about this yet.



https://www.childsmath.ca/childsa/forms/3aStuff/view\_results.php?poll\_num=39



## Poll Results

- (D) converges uniformly on on a non-empty set but not on all of  $\mathbb{R}$ ;
- (E) converges uniformly on  $\mathbb R;$
- (F) I have not had sufficient time to think about this yet.

