

Monday, August 6, 2012

TISK problems (Warm-Ups)

1. Find the GCF of 28 and 90
2. Add: $\frac{3}{4} + \frac{5}{6}$
3. Write an equation to represent the given information.
Then solve.
James is 3 years older than his brother, Henry.
If James is 18, how old is Henry?

Homework



- Please pass your homework in to the center of the room.
- When the papers are on the middle desks, I will collect them. Simply leave them in a neat stack on your desk.

Sequences

- What is a sequence?
 - Book's Definition:
A ***number sequence*** is a string of numbers, or terms, in a certain order.
 - What are some examples of sequences?

Sequences

- Given the sequence: 1, 3, 5, 7, 9...
 - Find the next three terms. _____
- How did you do it?

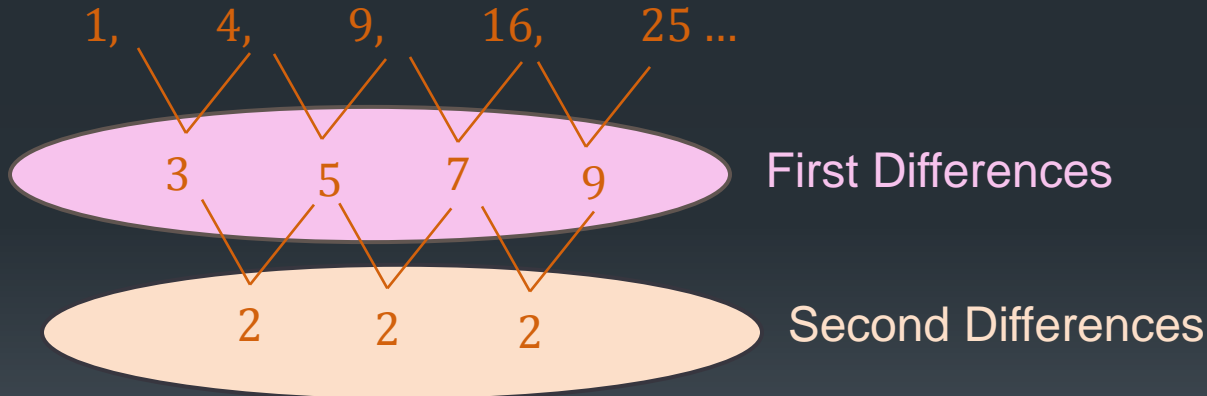
Sequences

- If the difference from one term to the next in a sequence is always the same, the difference is called a ***constant difference***.
- Find the next three terms of the sequence using constant differences.

37, 41, 48, 58, 71

Sequences

- When the first attempt to find a constant difference doesn't work, you may continue looking for a constant difference by checking the second differences, or the third differences, etc.



Sequences

- The first term of a sequence is 32 and the fourth term is 86. Find the second and third terms if the first difference is constant.

Sequences

- The second term of a sequence is 24 and the sixth term is 57. Find the first term if the first difference is constant.

Homework

- Algebra text: p9 #20-25

