Prodigy and Beyond[1]

By: Valerie Valdez

Jocelyn played Prodigy for 5 days in a row. It was so much fun. She earned 20 pets  . They were all so colorful.

On Monday, she earned **11** stars. On Tuesday, she earned **12** stars. On Wednesday, she earned **13** stars. On Thursday, she earned **14** stars. On Friday, she earned more stars.

Based on the pattern in the numbers, how many stars did she earn on Friday?
She earned _____ stars on Friday.

Victor wanted to figure out how many stars Jocelyn earned in all. Would he have to add or subtract? He would have to _____, because
_____
_____.

Write down the numbers you used to determine the total number of stars earned.

_____ O _____ O _____ O _____ O _____ = _____ stars in all.

Dylan also played Prodigy for five days. He earned 15 pets. They were not as colorful.

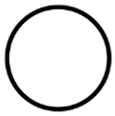
On Monday, he earned 10 stars. On Tuesday, he earned 13 stars. On Wednesday, he earned 15 stars. On Thursday, he earned 12 stars. On Friday, he earned 25 stars  .

Lucas wondered who had more stars, Jocelyn or Dylan.
How would he figure that out? _____
_____.

[1] Suggested Grades: 2 – 3 Skills: Recognizing patterns, adding and subtracting integers, & using inequalities.

Find the answer showing your work below.

Compare the results. Use either <, >, or =.



_____ _____

Jocelyns' stars Dylans' stars

Add up to four two-digit numbers using strategies based on place value and properties of operations.

STANDARDS:

CCSS.MATH.CONTENT.2.OA.A.1
Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

CCSS.MATH.CONTENT.2.NBT.A.4
Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparisons.

CCSS.MATH.CONTENT.2.NBT.B.5
Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.

CCSS.MATH.CONTENT.2.NBT.B.6

CCSS.MATH.CONTENT.2.NBT.B.9