

Name _____

Line Graphs

COMMON CORE STANDARDS CC.5.G.2

Graph points on the coordinate plane to solve real-world and mathematical problems.

Use the table for 1–5.

Hourly Temperature							
Time	10 A.M.	11 A.M.	12 noon	1 P.M.	2 P.M.	3 P.M.	4 P.M.
Temperature (°F)	8	11	16	27	31	38	41

1. Write the related number pairs for the hourly temperature as ordered pairs.

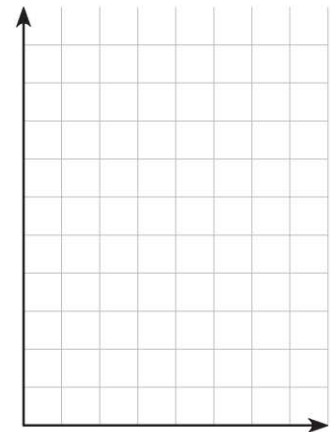
(10, 8);

2. What scale would be appropriate to graph the data?

3. What interval would be appropriate to graph the data?

4. Make a line graph of the data.

5. Use the graph to find the difference in temperature between 11 A.M. and 1 P.M.



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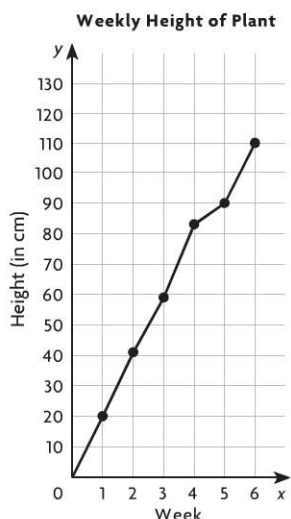
Problem Solving



6. Between which two hours did the least change in temperature occur?

7. What was the change in temperature between 12 noon and 4 P.M.?

Lesson Check (CC.5.G.2)



- How many centimeters did the plant grow in the first three weeks?
 - (A) 20 cm
 - (B) 41 cm
 - (C) 59 cm
 - (D) 83 cm
- Between which two weeks did the plant grow the least?
 - (A) Weeks 2 and 3
 - (B) Weeks 3 and 4
 - (C) Weeks 4 and 5
 - (D) Weeks 5 and 6

Spiral Review (CC.5.OA.2, CC.5.NBT.6, CC.5.NF.6, CC.5.NF.7c)

- Which shows the correct use of the Distributive Property to find the product of 7×63 ? (Lesson 1.10)
 - (A) $(7 \times 60) \times (7 \times 3)$
 - (B) $(7 + 60) \times (7 + 3)$
 - (C) $(7 \times 60) + (7 \times 3)$
 - (D) $7 + (60 \times 3)$
- Ali multiplies 3 numbers using the expressions $a \times (b \times c)$ and $(a \times b) \times c$. Which property of multiplication does Ali use? (Lesson 1.3)
 - (A) Associative Property of Multiplication
 - (B) Commutative Property of Multiplication
 - (C) Distributive Property of Multiplication
 - (D) Identity Property of Multiplication
- A student athlete runs $3\frac{1}{3}$ miles in 30 minutes. A professional runner can run $1\frac{1}{4}$ times as far in 30 minutes. How far can the professional runner run in 30 minutes? (Lesson 7.9)
 - (A) $3\frac{1}{12}$ miles
 - (B) $4\frac{1}{6}$ miles
 - (C) $4\frac{2}{7}$ miles
 - (D) $4\frac{7}{12}$ miles
- A recipe for salad dressing calls for $\frac{1}{4}$ cup of vinegar. You have 4 cups of vinegar. How many batches of salad dressing could you make with the vinegar? (Lesson 8.4)
 - (A) 1
 - (B) 4
 - (C) 8
 - (D) 16