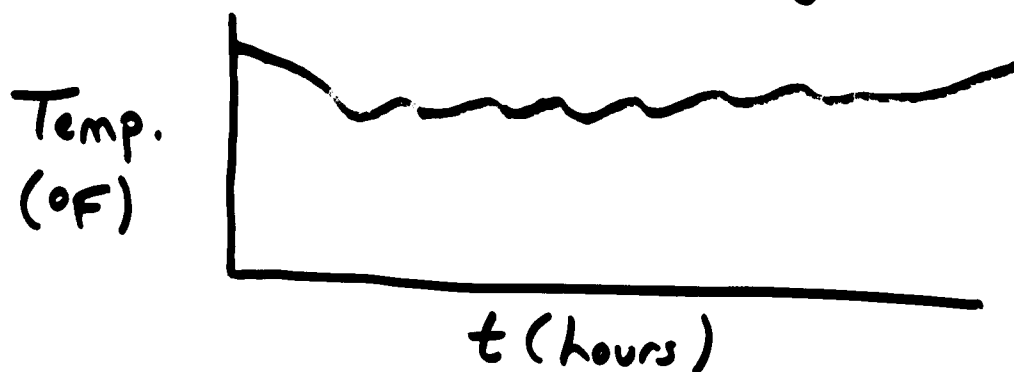


BE-1A

MONDAY 9-17-07

- ① THE GRAPH SHOWS Temperature ( $^{\circ}\text{F}$ ) vs. time (hours) for this classroom for one school day. Describe (that means in writing) WHAT is happening in the graph.



② ①  $4 - 8 = ?$

⑥  $4(-8) = ?$

③  $\frac{8}{-4} = ?$

④  $\frac{4}{-8} = ?$

⑦  $-4 - 8 = ?$

⑧  $-4 - (-8) = ?$

---

TAKE OUT HOMEWORK GRAPHS OR "REASON"

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Other names for  $(x, y)$

$(d, r)$

$\uparrow$   
domain, range

$(iv, dv)$

$\nearrow$   
independent  
variable

$\nwarrow$   
dependent  
variable

💡 "X drives the show"

---

ex) identify: ① the domain?  $\{(4, 3), (2, -1), (3, 6)\}$   
② the range?

domain =  $\{2, 3, 4\}$  range =  $\{-1, 3, 6\}$

ex) identify the independent variable



RELATION      A SET OF ORDERED PAIRS

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You can graph any set of ordered pairs since the first number is the  $x$  coordinate (or domain, or I.V.) and the second number is the  $y$  coordinate (or range, or d.v.).

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Practice: Pg. 46 # 1 to 9

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Homework: Pg 46-47 # 10 to 13

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Paper Airplane Project - Intro.

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Return / Review Graded Exam 1