

Summary of 11-30-09 Late Arrival

At the HHS late-arrival on November 30th, teachers met to continue developing questions to assess students' progress on mastering the "Must-Knows" of the courses they are taking. Teachers developed questions to use as Bell-Ringers (warm-ups), quizzes, and on unit assessments. These questions focused on College Readiness Skills for the four core content areas (English, Reading, Math, Science). Below you will see examples of a question from math and science, as well as a useful guide developed for students to use with reading strategies.

Students continue to benefit from the exposure to these college readiness skills and ACT type questioning techniques. The next Late-Arrival date is December 14th.

Math:

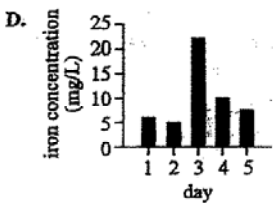
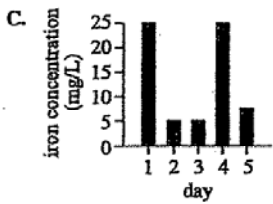
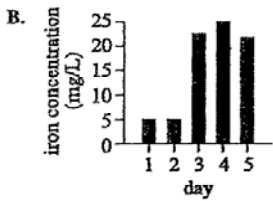
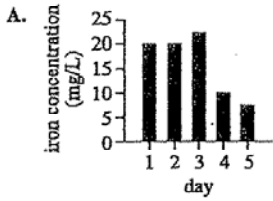
The length L , in meters, of a spring is given by the equation $L = \frac{2}{3}F + 0.03$, where F is the applied force in newtons. What force, in newtons, must be applied for the spring's length to be 0.21 meters?

- A. 0.36
- B. 0.285
- C. 0.275
- D. 0.27
- E. 0.12


Science:

Day	Precipitation (cm)	Flow rate (L/min)			pH			Iron (mg/L)			Manganese (mg/L)		
		Inlet	Outlet 1	Outlet 2	Inlet	Outlet 1	Outlet 2	Inlet	Outlet 1	Outlet 2	Inlet	Outlet 1	Outlet 2
1	0	110	105	100	5.5	5.8	6.5	100	50	5.2	6.4	6.4	6.3
2	0	100	95	90	5.4	6.0	6.4	110	56	5.0	6.5	6.5	6.4
3	4.5	110	295	420	5.5	6.6	7.4	100	65	22.7	6.4	4.3	2.2
4	trace	130	190	250	5.4	6.4	6.8	90	47	10.2	6.3	5.5	4.7
5	0	150	145	140	5.5	6.1	6.5	80	42	7.1	6.0	6.0	5.9

1. Which of the following figures best represents the iron concentrations at Outlet 2 for the 5-day period?




Reading:




Reading & Annotation Strategies

- **Make connections**
 - Text to text
 - Text to self (personal experiences)
 - Text to world
- **Activate background knowledge**
- **Ask questions**
- **Make predictions**
- **Make inferences/speculations based on clues/evidence**
- **Summarize/paraphrase difficult parts**
- **Compare/contrast various literary elements**
- **Recognize patterns**
- **Visualize sections**
- **Note main ideas**
- **Decipher unfamiliar words using contextual clues**



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