



UXBRIDGE PUBLIC SCHOOLS

MCAS ANALYSIS 2014 - 2015

DATA ANALYSIS



ELA

Increased rigor in reading and writing

- SRSD: self-regulated strategy development
- Vertical literacy plan
- Improved discrete writing skills
- Improved close reading skills



MATH

Close reading in the math classroom.

Increased **vocabulary and visuals instruction** in the math classroom.

How do we know this?

WHITIN READING SCORES

Grade 3

Craft and Structure	-3
Int. of Knowledge	+2
Key Ideas & Details	-2
Open Response	-4

Grade 4

Craft and Structure	-4
Int. of Knowledge	0
Key Ideas & Details	-1
Open Response	-7

Grade 5

Craft and Structure	+2
Int. of Knowledge	+1
Key Ideas & Details	-4
Open Response	-8

McCLOSKEY READING SCORES

Grade 6

Craft and Structure	-3
Key Ideas & Details	-3
Open Response	-11

Grade 7

Craft and Structure	0
Int. of Knowledge	-1
Key Ideas & Details	-2
Open Response	-5

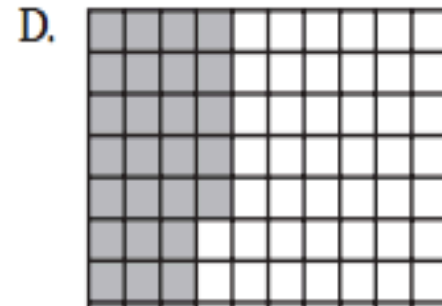
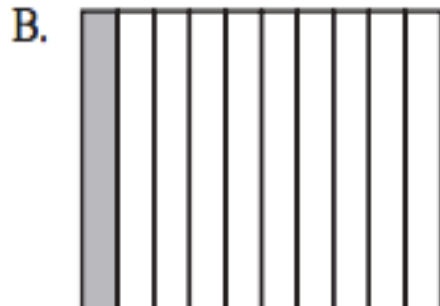
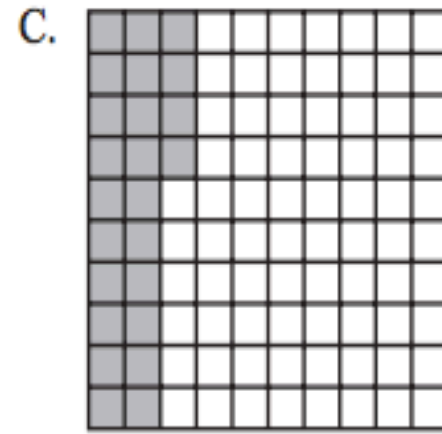
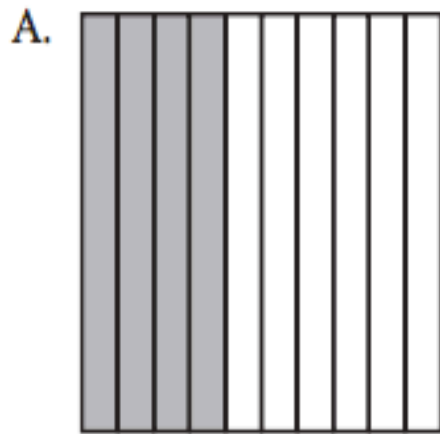
Grade 8

Craft and Structure	+1
Int. of Knowledge	-8
Key Ideas & Details	-3
Open Response	-11

Check out this grade 4 problem

$$0.24 > \boxed{?}$$

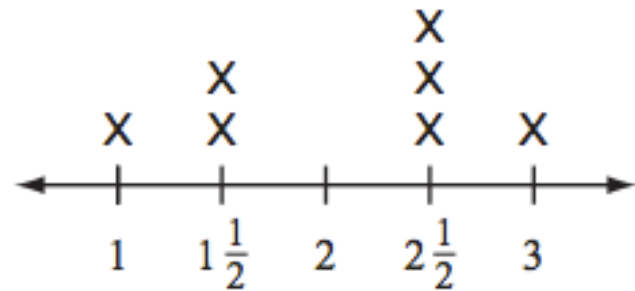
Which of the following represents a decimal number that belongs in the $\boxed{?}$ to make the number sentence true?



And another...

15

Greta recorded the number of miles she walked each day last week on a line plot, as shown below.



Number of Miles Walked

How many miles in all did Greta walk last week?

- A. 8 miles
- B. 10 miles
- C. $12\frac{1}{2}$ miles
- D. $14\frac{1}{2}$ miles

Grade 8 ELA Open Response Question

Question 16 is an open-response question.

- **Read the question carefully.**
- **Explain your answer.**
- **Add supporting details.**
- **Double-check your work.**

Write your answer to question 16 in the space provided in your Student Answer Booklet.

- 16** Based on the article, explain what Louis Pasteur meant when he said, “Chance favors only the prepared mind.” Support your answer with relevant and specific information from the article.

DISTRICT WIDE PERFORMANCE

The next several slides will show the Uxbridge Public Schools' performance:

- By school building holistically
- Over two years' time
- As compared with state MCAS test averages
- With reference to student growth percentiles

WHO TOOK MCAS?

Spring 2015 (includes 3-8 Public and Charter Schools)

Number of Schools = 359

MCAS = 46% = 207,500 students PARCC = 54% = 227,000 students

Big City Choices

MCAS

Cambridge

Fall River

Lawrence

Lowell

PARCC

Brockton

Fitchburg

New Bedford

BOTH

Boston

Springfield

NB: Acton, Boxborough, Chelmsford, Cohasset, Dover, Lexington took MCAS.

WHITIN ELEMENTARY ELA SCORES

	ELA 2014	ELA 2015	STATE
Advanced	10	6	15
Proficient	51	39	34
Needs Improvement	32	33	26
Warning	8	11	11
Median SGP	40	34	50+/-

WHITIN ELEMENTARY MATH SCORES

	MATH 2014	MATH 2015	STATE
Advanced	22	17	30
Proficient	38	39	34
Needs Improvement	31	33	26
Warning	9	11	11
SGP	48	53	50+/-

WHITIN ELEMENTARY SCIENCE SCORES

	SCIENCE 2014	SCIENCE 2015	STATE
Advanced	16	15	17
Proficient	41	47	36
Needs Improvement	35	31	36
Warning	8	8	11

WHITIN HIGHLIGHTS

MATH GROWTH PERCENTILE SCORES

Grade 4 53.5%

Grade 5 52 %

WHITIN SCIENCE

**62% of students
proficient or advanced**

STATE

**53% of students
proficient or advanced**

McCLOSKEY ELA SCORES

	ELA 2014	ELA 2015	STATE
Advanced	7	7	18
Proficient	70	67	56
Needs Imp	20	22	19
Warning	3	4	7
Median SGP	51.5	43	50+/-

McCLOSKEY MATH SCORES

	MATH 2014	MATH 2015	STATE
Advanced	24	18	27
Proficient	35	37	32
Needs Imp	30	29	24
Warning	11	16	17
Median SGP	65	34	50+/-

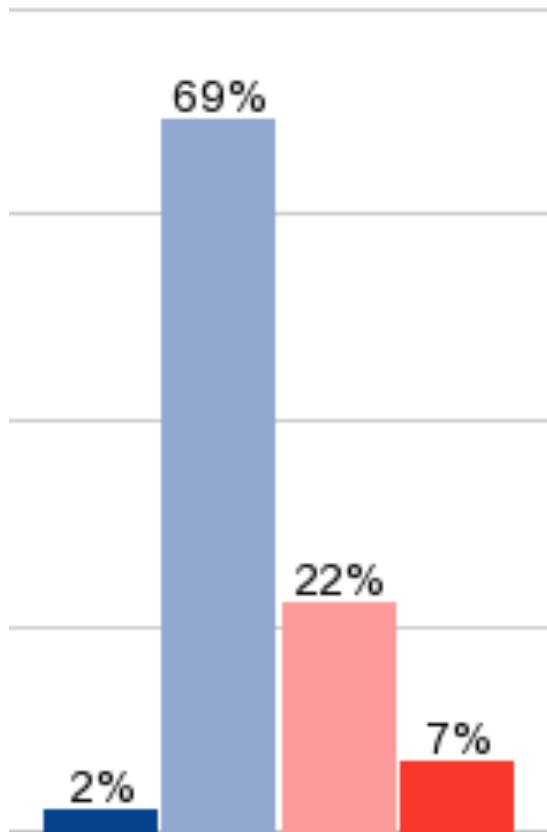
McCLOSKEY SCIENCE SCORES

	SCIENCE 2014	SCIENCE 2015	STATE
Advanced	2	2	5
Proficient	40	38	40
Needs Improvement	47	51	39
Warning	10	9	15

McCLOSKEY HIGHLIGHTS

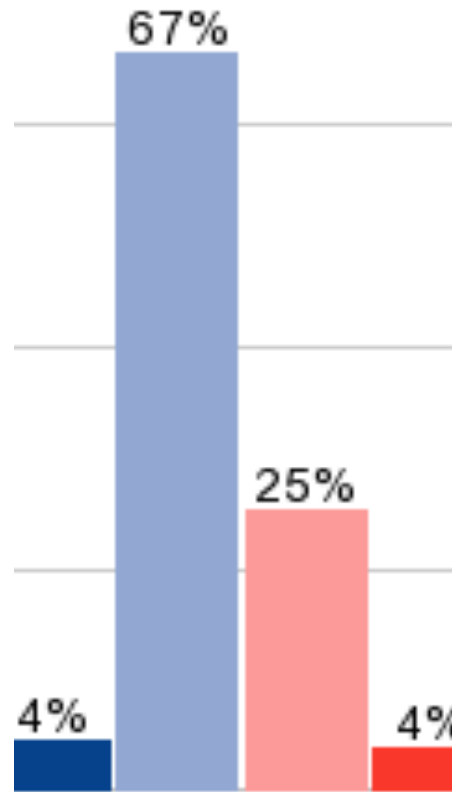
MCAS Achievement Level

- Advanced
- Proficient
- Needs Improvement
- Warning/Failing



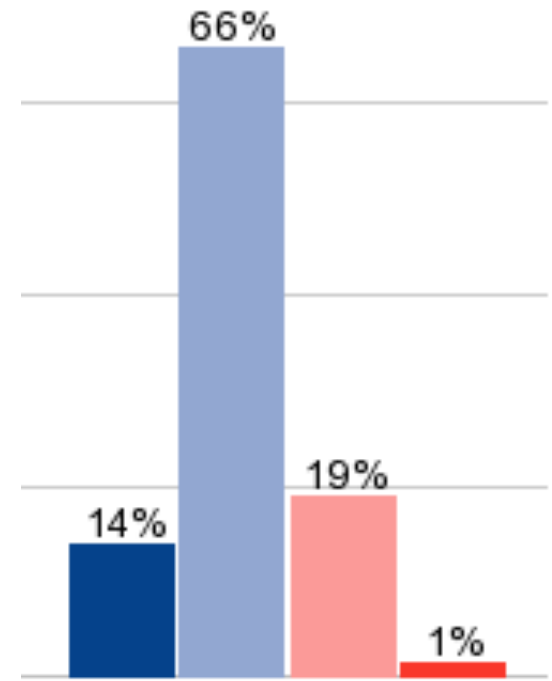
2015

GRADE 6



2015

GRADE 7



2015

GRADE 8

MORE McCLOSKEY HIGHLIGHTS

Spring 2013 English Language Arts

MMS 68% Proficient or Advanced

State 72% Proficient or Advanced

Spring 2013 Mathematics

MMS 50% Proficient or Advanced

State 56% Proficient or Advanced

Spring 2015 English Language Arts

MMS 74% Proficient or Advanced

State 75% Proficient or Advanced

Spring 2015 Mathematics

MMS 55% Proficient or Advanced

State 57% Proficient or Advanced

UXBRIDGE HS ELA SCORES

	ELA 2014	ELA 2015	STATE
Advanced	44	45	49
Proficient	48	47	42
Needs Imp	7	5	6
Warning	2	3	3
Median SGP	42	47	50+/-

UXBRIDGE HS MATH SCORES

	MATH 2014	MATH 2015	STATE
Advanced	59	53	53
Proficient	21	28	25
Needs Imp	14	10	13
Warning	7	10	8
Median SGP	68	48	50+/-

UXBRIDGE HS SCIENCE SCORES

	SCIENCE 2014	SCIENCE 2015	STATE
Advanced	29	19	27
Proficient	54	60	44
Needs Improvement	15	16	23
Warning	3	5	5

UXBRIDGE HS HIGHLIGHTS

[More about the data](#)

GRADE 10 - ENGLISH LANGUAGE ARTS				
ACHIEVEMENT LEVEL	2012	2013	2014	2015
ADVANCED	28	31	43	44
PROFICIENT	53	56	48	48
NEEDS IMPROVEMENT	18	11	7	5
FAILING	1	2	2	3

GRADE 10 - MATHEMATICS				
ACHIEVEMENT LEVEL	2012	2013	2014	2015
ADVANCED	44	47	59	52
PROFICIENT	29	30	21	28
NEEDS IMPROVEMENT	22	19	14	10
FAILING	5	4	7	9