



MATH

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ISSUE DATES	9/3	9/17	10/8	10/29	11/19	12/10	1/14	2/4	3/4	3/25	4/15	5/6
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Watch Real-World Videos at: www.scholastic.com/math

If you're not using MATH's online issue, you're not making the most of your subscription! Go online!

Each issue has background videos that make students excited to find out more in the articles. This month's issue features two background videos: one about the Arctic and the animals that live there and another showing wet animals shaking off water in slow-mo. Each issue also has an instructional video that can help students understand a math concept—this month's is about reading a line graph and is found with the "Melting Away" article.

These nonfiction videos will help you connect math and real-world topics to help you meet the Common Core standards. But they are also just fun to watch!

If you have any questions about your online resources or trouble accessing them, e-mail us at mathmag@scholastic.com.



SKILLS GUIDE

FEATURES	MAJOR FOCUS	COMMON CORE STANDARDS	ONLINE MATERIALS: www.scholastic.com/math
READING A LINE GRAPH Melting Away, p. 4	Reading a line graph	Measurement & Data, The Number System, Statistics & Probability	<ul style="list-style-type: none"> Download a skills sheet Watch an instructional video Watch a background video
DATA ANALYSIS Singing Showdown, p. 6	Percents	Measurement & Data, Ratios & Proportional Relationships, The Number System, Statistics & Probability	<ul style="list-style-type: none"> Download two differentiated skills sheets
WORD PROBLEMS Tunnel Travel, p. 8	Time computation	Measurement & Data, The Number System, Expressions & Equations	<ul style="list-style-type: none"> Download a skills sheet
STATISTICS How We Communicate, p. 10	Reading charts and graphs	Measurement & Data, Ratios & Proportional Relationships, The Number System, Expressions & Equations, Statistics & Probability	
RATIOS & PROPORTIONS Shake It Off!, p. 12	Ratios and proportions	Measurement & Data, Ratios & Proportional Relationships, The Number System, Expressions & Equations	<ul style="list-style-type: none"> Download a skills sheets Watch a video
RATE Stop That Puck!, p. 14	Rate	Measurement & Data, Ratios & Proportional Relationships, The Number System, Expressions & Equations	<ul style="list-style-type: none"> Download a skills sheet
ANGLES IN A POLYGON The Bieber Effect, p. 16	Angles in a polygon	Measurement & Data, The Number System, Expressions & Equations, Geometry	<ul style="list-style-type: none"> Play a game



LIST OF ONLINE RESOURCES ON PAGE T8
SUPPLEMENT TO SCHOLASTIC MATH

Answers

COVER: NO PLACE TO GO?

The 1979 measurement was about 2 times as great as the 2012 measurement.

PAGE 2: NUMBERS IN THE NEWS

Crabs in Glass Houses

The temperature Ryan needed was 2,282°F.

Super Bowl Fumble

Roman numeral L represents 50.

Belated Birthdays

The time in Samoa was 7 p.m. on January 1, 2013.

Do The MATH!

58,000 students signed up for the course.

PAGE 4: MELTING AWAY

1. August
2. about 7,000,000 sq. km
3. about 3,500,000 sq. km
4. about 1,000,000 sq. km
5. about 6,500,000 sq. km

PAGE 6: SINGING SHOWDOWN

1. about 12,457,100 people
2. 2 ratings points
3. about 2,607,300 more people

4. about 1,449,300 more people
5. about 40%

PAGE 8: TUNNEL TRAVEL

1. 20 trains
2. 15 trains
3. 6 minutes
4. 7:51 p.m.
5. 7 minutes

PAGE 10: HOW WE COMMUNICATE

1. C
2. B
3. B
4. B
5. D
6. A
7. 65+
8. \$0.86 on Jan. 27 and \$0.85 on Jan. 26
9. about 6,928 minutes
10. 24-25 billion more text messages

PAGE 12: SHAKE IT OFF!

1. 44 times
2. 4.5 Hz
3. 85 more shakes
4. 4,900 milliseconds
5. 5.2 shakes per second

PAGE 14: STOP THAT PUCK!

1. 0.41 sec
2. 0.28 sec
3. 0.26 sec
4. 0.17 sec
5. 0.03 sec

PAGE 16: THE BIEBER EFFECT

1. B
2. B
3. A
4. A
5. B

T6: MORE MATH, PP 12-13

1. 10.2 Hz
2. 2.6 shakes
3. 0.7 sec
4. giant panda
5. 3 shakes

T7: SKILLS REVIEW

1. C
2. 21,148,100 people
3. 6.3
4. no
5. 4 Hz
6. 312 shakes
7. A
8. 120.27 feet per second
9. D
10. 62°

At www.scholastic.com/math, click on "Skills Sheets" to download:

- An issue skills-review quiz
- "More Math!" questions for pages 4-5, 8-9, 12-13, and 14-15
- Basic and advanced differentiated-instruction activities related to "Singing Showdown" on pages 6-7

For the answers, click on "Teaching Resources."

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