

ASSISTments™

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*Funded in part by the
US Dept. of Education, NSF,
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www.ASSISTments.org

ASSISTments is Feedback

For the Students

Make next day correctness feedback...

Name _____ Date _____ Time _____

STUDY LINK 6•4 ***, / of Signed Numbers**

A Multiplication Property

- The product of two numbers with the same sign is positive.
- The product of two numbers with different signs is negative.

A Division Property

- The quotient of two numbers with the same sign is positive.
- The quotient of two numbers with different signs is negative.

Solve.

- $-12 * 5 = -60$
- $-63 / 7 = -9$
- $24 \div (-4) = -6$
- $-9 * -6 = 54$
- $-50 / -5 = 10$
- $-6 * 5 * 8 = -240$
- $46 / (-6 - 2) = -6$
- $(-8 * 5) + 12 = -28$
- $50 * (-23) = -1150$
- $6 * (12 + 15) = 167$
- $(-90 \div 10) + (-45) = -54$
- $56 / (-7) / (-4) = 2$
- $-2 * (-7) * (-4) = -56$
- $-360 \div 40 = -9$

...immediate correctness feedback with tutoring

Problem ID: PRABY6U [Comment on this problem](#)

What is $(-3) + (-2)$?

Here you have a negative integer added to a negative one. You can add the absolute values of the numbers and keep them negative.

[Comment on this hint](#)

So for $-3 + (-2)$, perform the following addition:
 $3 + 2$

[Comment on this hint](#)

Type your answer below (mathematical expression):

✓ Correct!

The built in tutoring and hints really help kids learn to problem solve

- Melanie Dever, 8th Grade Math & Science Teacher, Dexter, MI

For the Teachers

Change correcting and number crunching to...



...immediate reports to help drive discussion and review

Student/Problem [Anonymize]	Average Data driven	PRAJUFS Data driven	PRAJUFO Data driven	PRAJUFV Data driven	PRAJUFZ Data driven
Problem Average	50%	54%	49%	48%	57%
Common Wrong Answers		50,30% 70,11%	C. 12 inches, 55% B. 25 inches, 29% A. 49 inches, 14%	1/3, 42% 5/9, 35% 8/15, 21%	
Correct Answer(s)		60	D. 7 inches	2/3	22
Adamek, Raphael	75%	✓ 60	✓ D. 7 inches	✓ 2/3	✗ 33
Antonios, Jeanine	75%	✓ 60	✓ D. 7 inches	✗ 1/3	✓ 22
Avagyan, Marine	50%	✗ 130	✓ D. 7 inches	✗ 1/3	✓ 22

It makes students more accountable and it helps me decide which problems need more instruction or practice before class starts.

- Judy Cain, High School Math Teacher, Stephens City, VA

ASSISTments is Flexible

Use Our Pre-Built Content

Skill Builders and Automatic Reassessment

Problem sets are based on one skill. Students must answer 3 questions correctly in a row to complete the assignment and then they are automatically reassessed on that skill over time



I used the data from my pre-requisite test to drive which kids got assigned which skill builders so they were practicing the skills they were evidently weak with. Took a total of 5 minutes.

- Jessica Rudolph, High School Math Teacher, Columbus, OH

Problem Solving

Students use their skill knowledge to answer real-world problems in line with the Common Core State Standards



PLACEMENTS

An adaptive math skills test that identifies holes in student learning and then automatically assigns personalized remediation to students



It gives you a clear, quick snapshot of what students know and it saves teachers time because it grades for you

- Ashleigh Locke, 7th Grade Math Teacher, Kittery, ME

Textbook Homework

Students still need their textbooks but they get immediate correctness feedback on each problem. The teacher can use the report to know before class starts which problems the students will need reviewed

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Type your answer below:

Submit Answer

Build Your Own Content

Exit Tickets

Class Starters

Benchmark Tests

Summative Tests

What a wonderful tool!!!! You have the power to build any assignment that will work for you and you get wonderful and instant feedback on how the students do.

- Roland Dube, 7th and 8th Grade Math Teacher, Bangor, ME

ASSISTments is Improving Education



Developed by
Neil and Cristina Heffernan
at



ASSISTments Mission:

Improve education through scientific research while not compromising student learning time.

I LOVE IT!! The time spent going over homework each day has decreased in my class. I can spend more time going over the problems we need to, instead of all of them.

- Shelley Cyr, 7th Grade Math Teacher, Hermon, ME

I have seen a tremendous improvement in student engagement with underperforming students using this program.

- Joanne Smith, High School Math Teacher, Walpole, MA



Six peer reviewed studies have shown ASSISTments leads to higher student learning.



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