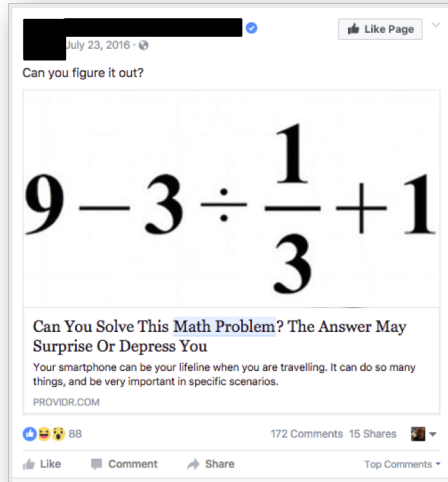


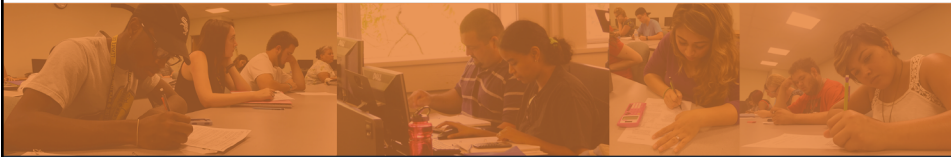
## Can You Solve This Math Problem? The Answer May Surprise or Depress You



## #PD2C: Connect and Capitalize on Social Media as a Professional Learning Tool

Michael Greenlee, Professional Learning Facilitator, Elementary Math  
Denise Thornton, Professional Learning Facilitator, Secondary Math

April 24, 2018, NCSM Annual Conference



## About the Dana Center

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— Equity — Access — Excellence —

2018

## Dana Center by the Numbers

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We engaged with  
**118 districts in 23 states**  
to provide middle and high school  
math courses of the **highest quality**  
as recognized by rigorous state  
and national reviews,  
including EdReports.org.

## Dana Center by the Numbers

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At the close of 2017, the Dana Center has contributed to the **implementation of math pathways** in higher ed systems, institutions, and campuses in **29 states**.



## Dana Center by the Numbers

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We supported **60,500 K-12 students** attending school on U.S. military bases through our work with the **Department of Defense Education Activity**.



## Why Social Media?

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### Applications of social media as a professional learning tool

- Engages learners with constant connectivity.
- Fosters collaborative learning.
- Enables authentic learning on the move.
- Makes learning context-aware and authentic.

## Supporting Ongoing Teacher Learning Through Social Media

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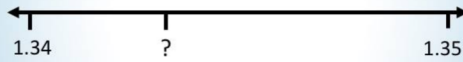
### Provide social learning opportunities that are...

- ✓ Quick
- ✓ Frequent
- ✓ Visually engaging
- ✓ Easily accessible
- ✓ Immediately applicable

## Supporting Ongoing Teacher Learning Through Social Media

@MathCuts

What could be the missing number on the number line?



elementary  
understanding decimals

- Using the proximity of the question mark, would the answer be closer to 1.34 or 1.35? How many numbers are between 1.34 and 1.35? Does the answer have to be a decimal?

Like · Reply · Message · 9w
- What number couldn't this be? What place value do we need to look at? What would this look like in a picture?

Like · Reply · Message · 9w
- 1.344

Like · Reply · Message · 8w
- 1.3425

Like · Reply · Message · 7w

Write a comment...

<https://www.facebook.com/mathcuts>

## Supporting Ongoing Teacher Learning Through Social Media

@MathCuts

<https://www.facebook.com/mathcuts>

$$\begin{array}{r}
 132 \\
 36 \overline{)4,752} \\
 \underline{-36} \phantom{0} \phantom{0} \phantom{0} \\
 10 \phantom{0} \phantom{0} \phantom{0} \\
 \underline{-108} \phantom{0} \\
 72 \phantom{0} \\
 \underline{-72} \\
 0
 \end{array}$$

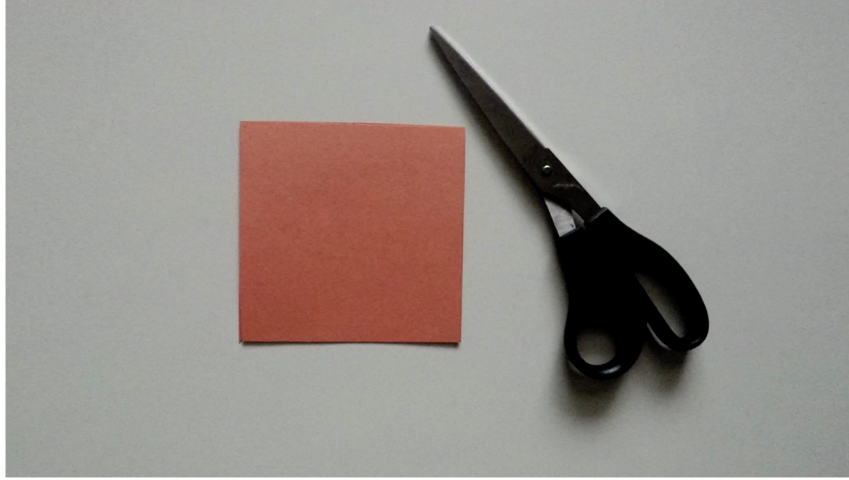
Divide  
Multiply  
Subtract  
Bring  
Down

D M S B  
a m i s t e r  
d m i s t e r  
r o t h e r

## Supporting Ongoing Teacher Learning Through Social Media

**@MathCuts**

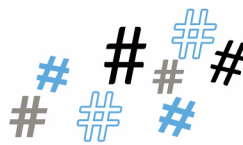
<https://www.facebook.com/mathcuts>



## Supporting Ongoing Teacher Learning Through Social Media

**#Hashtag**

- Connect related topics, conversations, and images.



**Twitter Chat**

#PD2C

Share images and examples of math in the real world.

## Contact Information

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Find us on Facebook at [facebook.com/utdanacenter](https://facebook.com/utdanacenter) or on  
Twitter at [@UTDanaCenter](https://twitter.com/UTDanaCenter).