



Decoding the Language of the TEKS & Interpreting the Mathematics in the TEKS

(6-8 TEKS Breakout Session)



Fall Meeting – October 21, 2013



Alice and Susan were running equally fast around a track. Alice started first. When she had run 9 laps, Susan had run 3 laps. When Susan had completed 15 laps, how many laps had Alice run?



How can this problem be modified to make it a proportional relationship?

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Which revised TEKS are illustrated
by these problems?



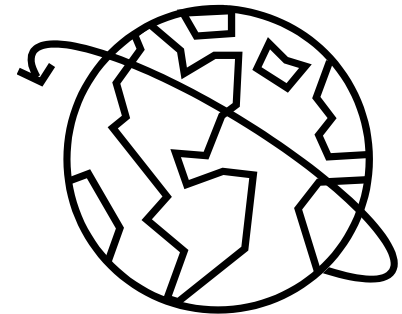
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Imagine that you could put a string around the Earth's equator and pull it snug.

Now, add a length of 6 feet to the string and push it away from the equator an equidistant amount.

Which of the following is the largest animal that could walk underneath the newly placed string?

- A. Ant
- B. Frog
- C. Kitten
- D. Goat
- E. Elephant





Terms and TEKS

6 th Grade	7 th Grade	8 th Grade

Which terms in the revised TEKS are new to these grade levels?

Indicate the revised TEKS next to each term.



Terms of the TEKS

- Which mathematics terms would your teachers have trouble explaining?
- How will you support teachers in transitioning to this new mathematical language?



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