

AMAZING RACE

Source: [3 Math Routines to Build Number Sense - Mr Elementary Math](#)

What is the Amazing Race Routine?

This routine is intended to help students break down numbers in various ways.

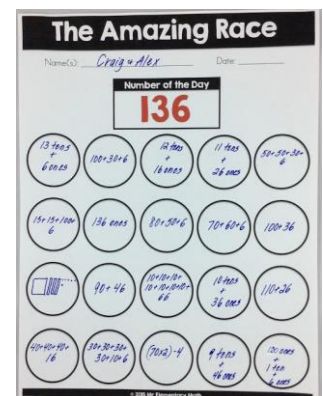
How does the Amazing Race Routine work?

Students work in pairs to decompose a given number in as many different ways as they can. You should provide each partner pair with a blank piece of paper or sheet like the one in the photo.

You can give your students 5 – 10 minutes to record as many different ways to represent the number as possible. After the time is up, 1 or 2 partner pairs can randomly be selected to share what they recorded, in front of the class.

As a quick tip, you can award team points to partner pairs that had the most inventive and correct ways. It's very important check for accuracy.

I really enjoy this activity because my students had an opportunity to communicate their mathematical thinking with one another. This is also a very open-ended routine. Students get a chance to be as creative as possible when recording. There were times when I was reviewing my students' answers and thought, I would have never come up with that! When you first start this routine, your students may only have 2 or 3 different ways. That's OKAY! If you consistently use this routine your students will evolve and ultimately fill the page!



Use this Routine with Fractions and Decimals

This routine can easily be adapted to fractions or decimals. For example, you can write $\frac{7}{10}$ or 0.7 as the number of the day.

How long will the Amazing Race Routine take?

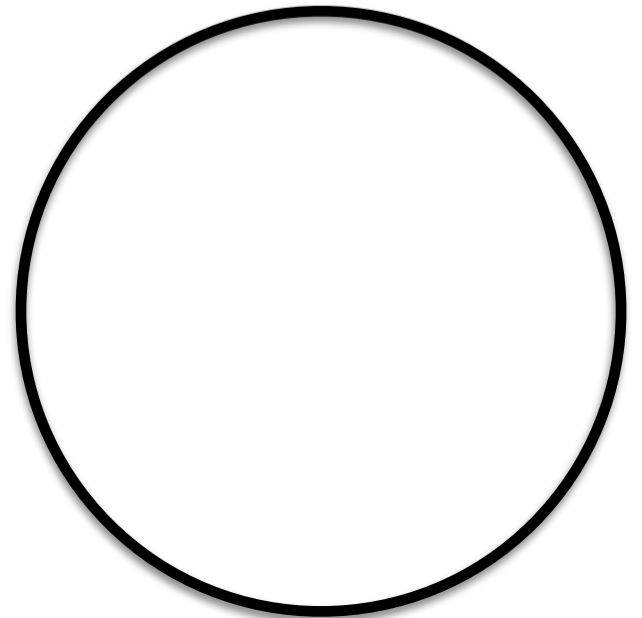
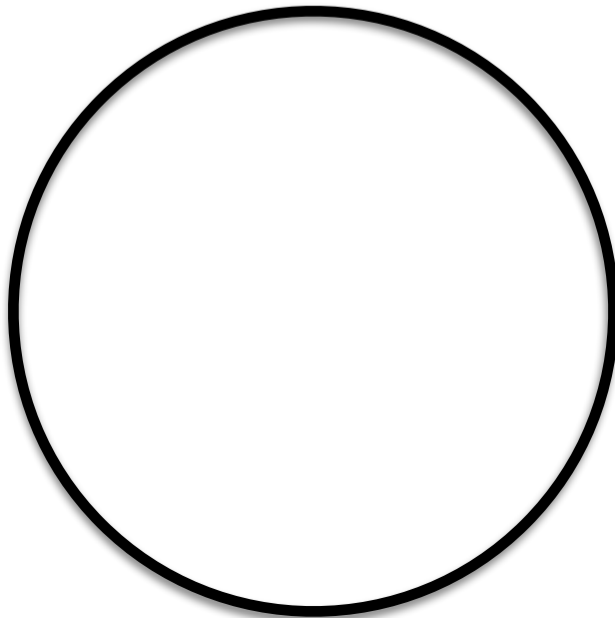
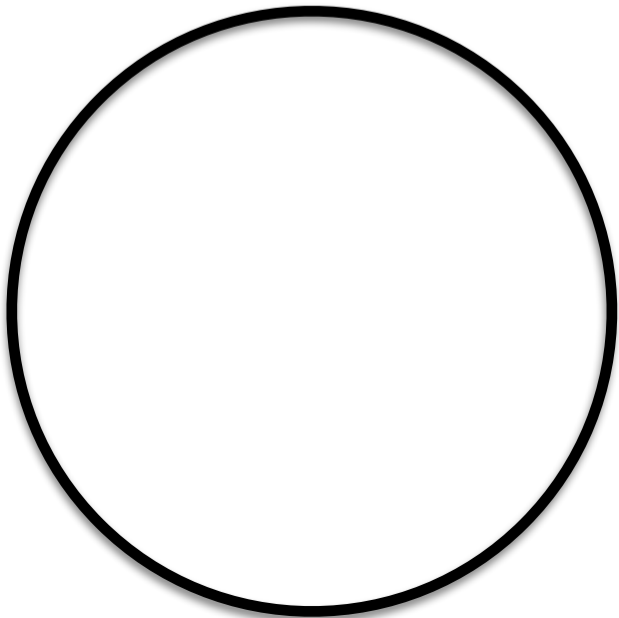
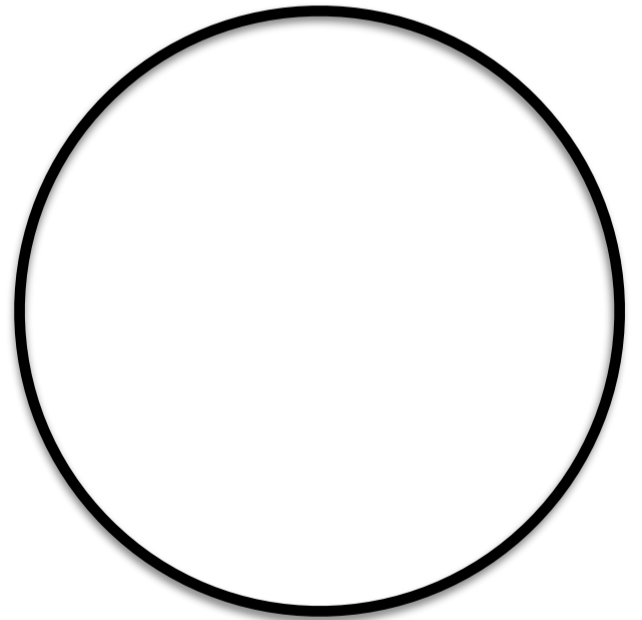
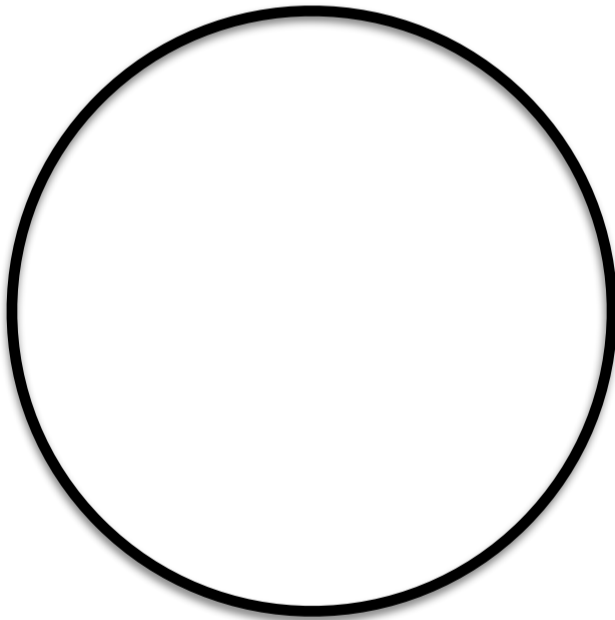
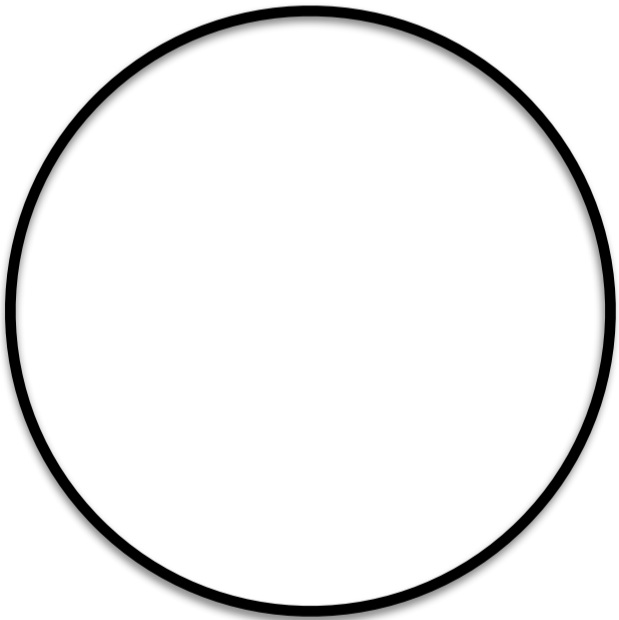
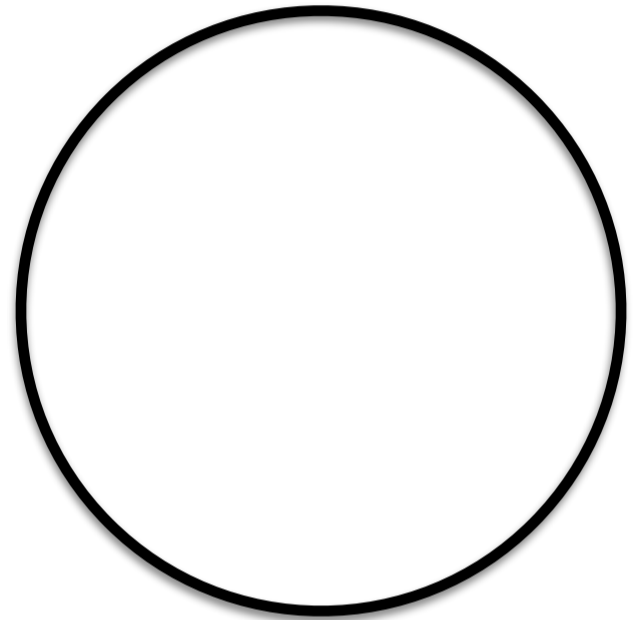
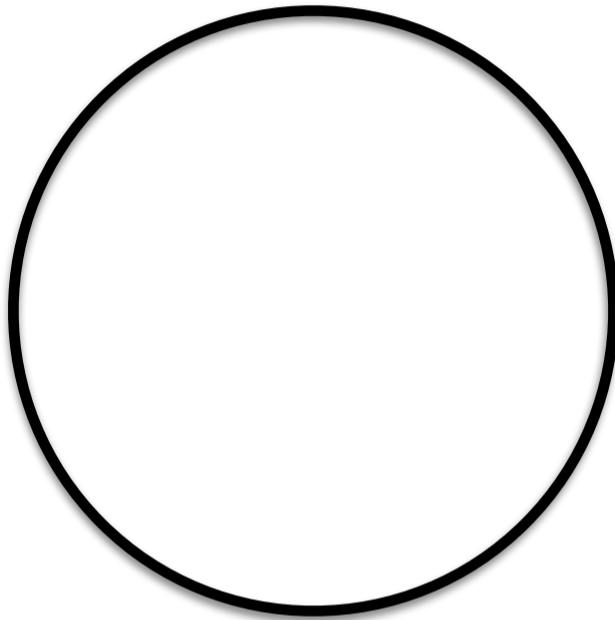
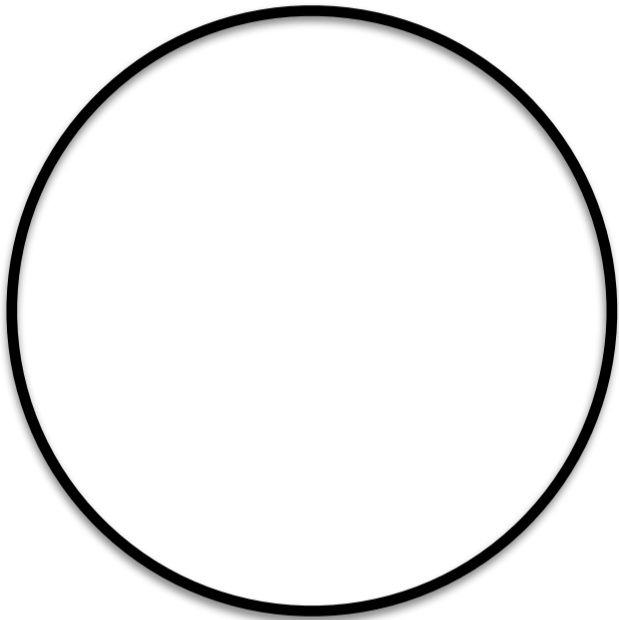
This routine should around 5 – 10 minutes. It can be used as a daily opening to your math block or as a morning sponge activity.

The Amazing Race

Name(s): _____

Date: _____

| Number of the Day |
|-------------------|
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The Amazing Race

Name(s): _____

Date: _____

Number of the Day

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