

# What is in a fluency practice activity set?

Component of mathematical fluency reflected in the fluency connection

Mathematical topic and grade level for this set of fluency practice activities

Specific fluency practice activity title

Teacher notes describing how to facilitate each activity with students and any needed materials

Tasks provided to use as prompts for this activity

## Fluency Practice: Ordering Real Numbers, Grade 8

### Fluency Connection:

*A fluent student can quickly apply place value understandings to compare decimals.*

### Fluency Practice: Name the Place Value

Say: We will practice determining the place value used to compare real numbers. I will show you two numbers. You will write them down as shown. When prompted, you will call out the place value needed to compare them. For example, I will show you 3.14 and  $\sqrt{14}$ . I will then say, "The place value needed to compare these two numbers is . . . ?" You would say, "Tenths."

*Note: Students may use a calculator as needed.*

Possible number sets:

Set 1	Set 2	Set 3	Set 4
22.713	12.75	-0.17895	$\sqrt{6}$
$65\frac{1}{3}$	$12\frac{3}{8}$	0.0125	$\sqrt{7}$

Notes:

Space for teachers to record notes related to this activity, including implementation ideas, materials, student progress monitoring, etc.

## Fluency Practice: Ordering Real Numbers, Grade 8

Title of fluency practice activity

Name the Place Value

Set 1

22.713

$$\begin{array}{r} 65 \\ \hline 3 \end{array}$$

Set 2

12.75

$$12\frac{3}{8}$$

Up to two tasks per display page

Display pages formatted to facilitate digital projection using large font and landscape orientation