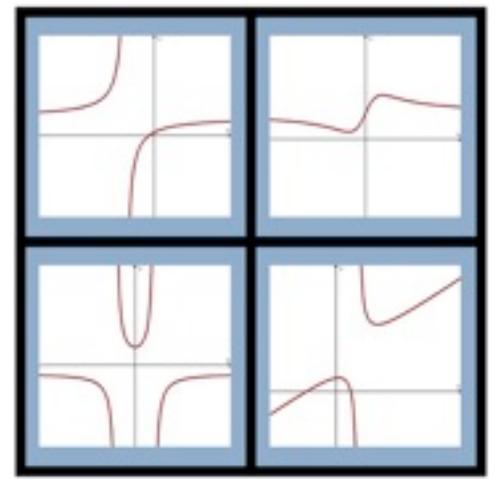
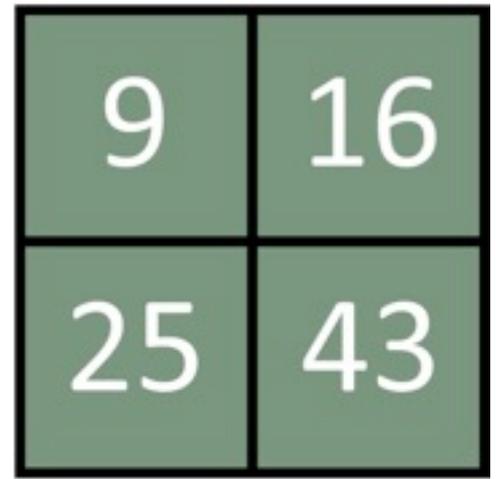
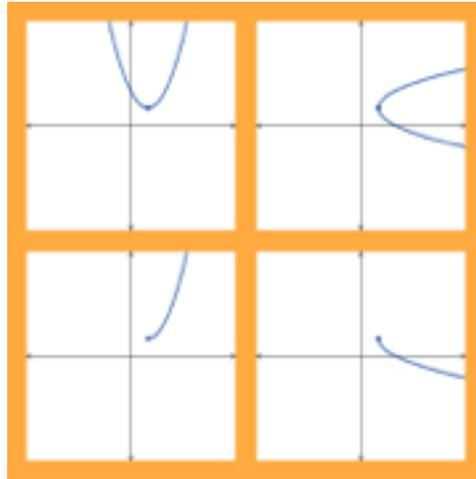
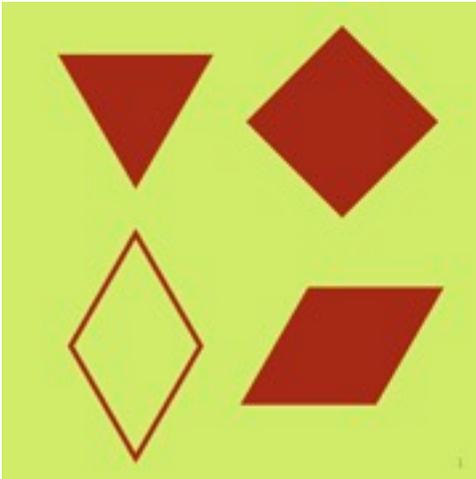


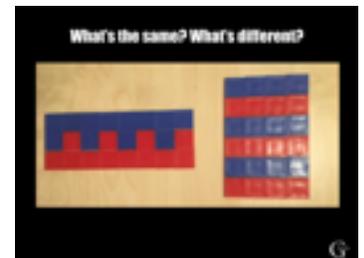
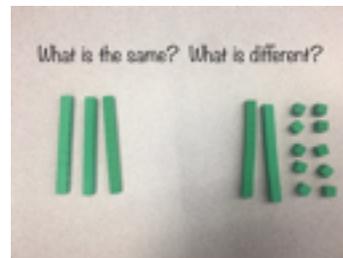
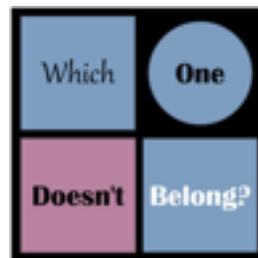
Which One Doesn't Belong?



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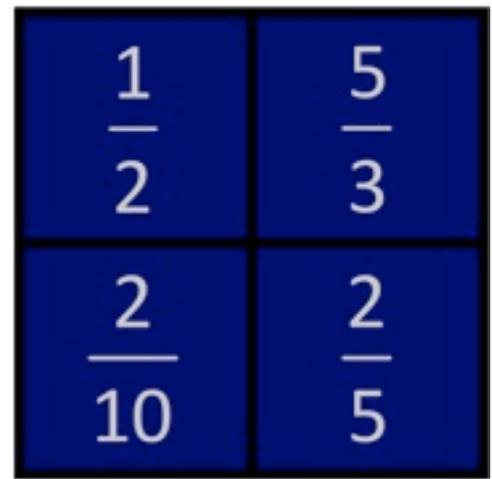
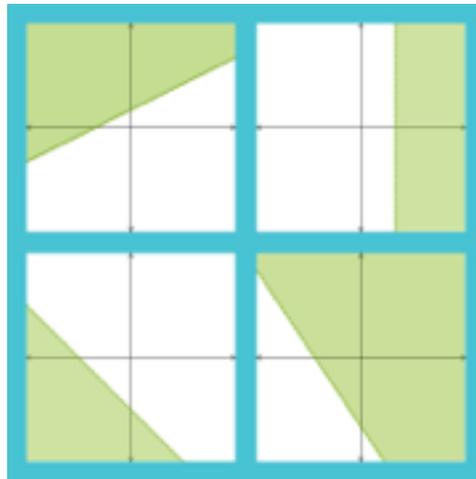
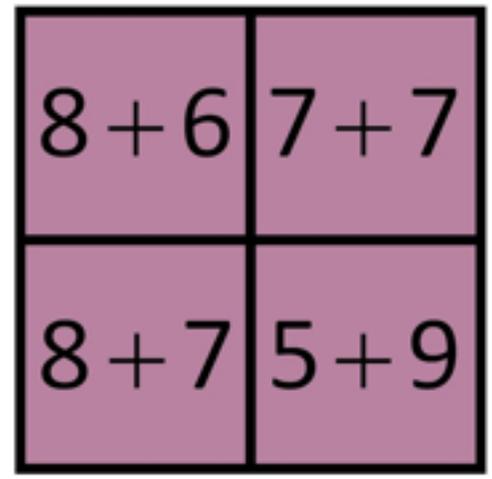
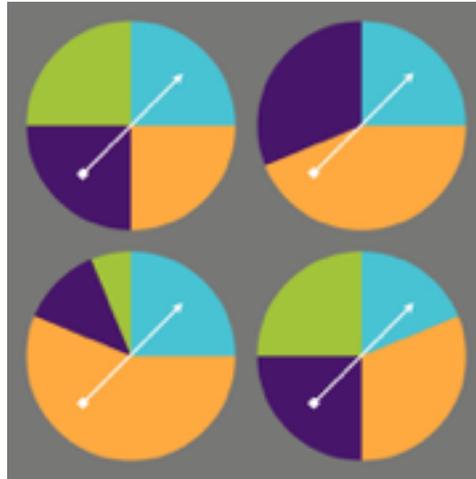
Learning Resource Catalogue: 176799



Numeracy Helping Teachers:
Jen Barker, Marc Garneau & Chris Hunter



Which One Doesn't Belong?



Top 10 Tips for Using WODB in Your Classroom

Each has a reason not to belong Each object in a *Which One Doesn't Belong?* set has at least one reason not to belong—there is not one right answer.

Accept all responses Rich math talk depends on students feeling safe, and their ideas valued. If a claim is true, it is correct.

Trust students' minds If you have designed or chosen a rich set of four objects, students will notice productive properties; trust them to do so.

Press for precision Students will need help learning to express their ideas precisely. Ask questions to ensure that you and your students understand the exact differences or similarities under discussion.

Use collections to build sophistication Take the time to do three or four *Which One Doesn't Belong?* sets sometime, sequencing them so that they build on each other and rely on more subtle differences.

Summarize Help students to notice the variety of attributes in use by restating these before moving on from a WODB set.

Introduce vocabulary when students need it Students often notice properties they don't know names for. Use these opportunities to introduce vocabulary.

Give students time Make sure students have the time and space to do their best thinking. No hands raised; no talking; no pressure for about a minute before.

Turn and talk Have students test their ideas with a neighbour before needing to share with the large group.

Build your own sets Making your own collections of four objects with four right answers is challenging work that you'll learn from.

Have students build their own The same goes for students; learning to attend to one property at a time of a collection of mathematical objects is serious and important work.

– Christopher Danielson (@Trianglemancsd • talkingmathwithkids.com)