

B84 Express order relationships among rational numbers using appropriate symbols $<$, $>$,
 $=$

Mathematical symbols

Materials needed: Golden Beads

Points of interest: Using new symbols

Procedure:

1. Invite a group of students to a presentation for the other symbols in Math
2. Have a tray of golden beads ready.
3. Set out a large number of golden beads (ex: 1,235). Then put out a small amount of beads (45).
4. Ask students which is larger?
5. Explain that in Math, instead of writing 1,235 is larger than 45, we use a symbol.
6. $1,235 > 45$ is read 1,235 is bigger/larger than 45.
7. **Can be done at the same time or later**
8. Use new numbers - - set out a smaller number (76) and a large number (3,476)
9. Ask 'Which is smaller?'
10. Explain in Math instead of writing 76 is smaller than 3,476 we write: $76 < 3,476$
11. Have students choose various groups of numbers and set out the appropriate symbol.
 - a. This can be confusing (which symbol to use). While students understand the concept, they don't know which symbol to use (Ex, they know that 76 is small that 3,476, but don't know which symbol to use).

Extensions/Variations

- Have a pair work together and set out groups of numbers and put out the appropriate symbol. Have them record in their notebook (as this is a written Math symbol, they need to practice writing it down)