

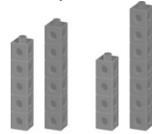
Master 40: Activity 18 Assessment

Equality and Inequality: Consolidation

Expressing Equality and Inequality Behaviours/Strategies

1. Student chooses a number, but struggles to decompose number into two parts and model it with cubes.

2. Student models equality with cubes, but struggles to record different expressions of the same quantity as equalities (cannot write number sentence).



“What do I write?”

3. Student models equality, but does not consider zero, or thinks the same cubes in the opposite order is not an equality.

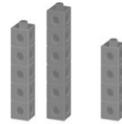


“How can these be equal?”

Observations/Documentation

4. Student models equality, but struggles to model inequality.

5. Student models inequality, but struggles to use the greater than or less than sign when comparing expressions.



$5 + 6 = 4$

6. Student models equality and inequality, records different expressions of the same quantity as equalities, and understands and uses the equal (=) and greater than (>) or less than (<) signs when comparing expressions.

$$15 + 6 = 14 + 7$$

$$15 + 6 \neq 14 + 5$$

Observations/Documentation