

ORDER OF OPERATIONS.

INVESTIGATIONS OVERVIEW PAGE

THIS PAGE IS A SUMMARY OF THE INVESTIGATIONS THAT STUDENTS MAY ENGAGE IN TO DEEPEN THEIR RELATIONAL UNDERSTANDING. INVESTIGATIONS WITH INSTRUCTIONS TO STUDENTS FOLLOW ON SUBSEQUENT PAGES.

- In pairs, children select cards to make number sentences or equations involving more than one operation. They solve the number sentence by performing the operations using the convention for the order of operations. *Reflection: How does the convention for the order of operations make sure we all get the same answer?*
- In pairs, children select cards to make number sentences involving more than one operation. They solve the number sentence by performing the operations using the convention for the order of operations. They insert a grouping symbol to change the order of operations. They solve the number sentence by performing the operations in the new order. *Reflection: How do grouping symbols change the order of operations?*

Order of Operations

Select cards to make a number sentence (equation) involving more than one operation.

Solve the number sentence (equation) by performing the operations using the convention for the order of operations.

Reflection: How does the convention for the order of operations make sure we all get the same answer?

Order of Operations

Select cards to make a number sentence (equation) involving more than one operation.

Solve the number sentence by performing the operations using the convention for the order of operations.

Insert a grouping symbol to change the order of operations.

Solve the number sentence by performing the operations in the new order.

Did you get different answers? Why?

Reflection: How do grouping symbols change the order of operations?