

1. Write a repeated groups multiplication word problem. Draw a direct modeling picture that matches your problem
2. Write a partition division word problem. **Explain** how a child would solve it by direct modeling using counters.
3. Write a measurement division word problem. **Explain** how a child would solve it by direct modeling using counters.
4. It is easier to figure out a counting/adding strategy for one of the division types. Which type is it and why?
5. Write an array word problem, and draw a direct modeling picture to represent it.
6. Show and explain why  $4 \times 6 = 6 \times 4$ . (Use a diagram. Explain it in a way that is explaining the commutative law more generally, and it's easy to see why your explanation would work for any other pair of numbers, not just 4 and 6).