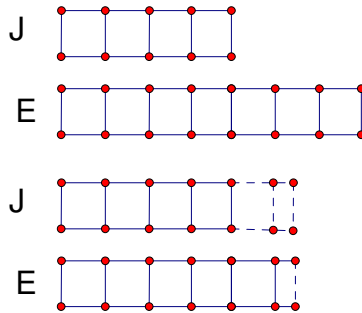


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10. Let's use a box diagram. First the ratio is 4:7, and then the ratio is 1:1. When we move the boxes in the box diagram to show them with equal money, we cut off a box and a half of Emmett's and give it to Jasper. Therefore, a box and a half represents \$33.



Box + half box = (half box + half box) + half box = 3 half boxes = \$33. Therefore each half box = \$11, and a whole box = \$22. So if Emmett has 7 boxes, each of which are worth \$22, then he has $7 \times \$22 =$