Visualizing Ratios with Double Number Lines

Double number lines are one way to visualize a ratio relationship. Double number lines are parallel number lines aligned at 0. Each number line then uses a different scale, determined by the represented ratio. Corresponding values form equivalent ratios and are often drawn with intersecting vertical lines for added clarity.

example: One player on a team gets 2 jerseys. Use double number lines to show how many jerseys 4 players have in total.

Step 1. Draw consistent scales according to the ratio and increments needed for the question.

Step 2. Read the aligned values to answer the question.





ANSWER KEY

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3. Davis's Deli is running a limited-time promotion: any 2 sandwiches for \$13. How many sandwiches would \$78 purchase?

