

Equivalent Ratios Worksheet

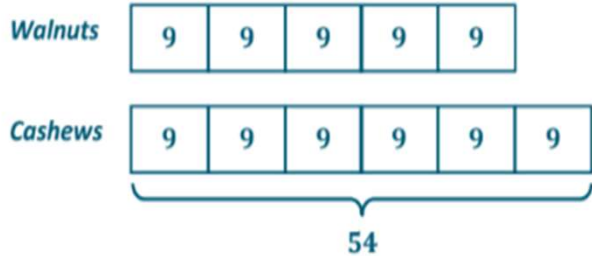
In a bag of mixed walnuts and cashews, the ratio of the number of walnuts to the number of cashews is 5: 6. Determine the number of walnuts that are in the bag if there are 54 cashews. Use a tape diagram to support your work. Justify your answer by showing that the new ratio you created of the number of walnuts to the number of cashews is equivalent to 5: 6.

The ratio of Isabella's money to Shane's money is 3: 11. If Isabella has \$33, how much money do Shane and Isabella have together? Use diagrams to illustrate your answer.

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In a bag of mixed walnuts and cashews, the ratio of the number of walnuts to the number of cashews is 5: 6. Determine the number of walnuts that are in the bag if there are 54 cashews. Use a tape diagram to support your work. Justify your answer by showing that the new ratio you created of the number of walnuts to the number of cashews is equivalent to 5: 6.



54 divided by 6 equals 9.

5 times 9 equals 45.

There are 45 walnuts in the bag.

The ratio of the number of walnuts to the number of cashews is 45: 54. That ratio is equivalent to 5: 6.

5: 6 and 45: 54



The ratio of Isabella's money to Shane's money is 3: 11. If Isabella has \$33, how much money do Shane and Isabella have together? Use diagrams to illustrate your answer.

Isabella has \$33, and Shane has \$121. \$33 + \$121 = \$154. Together, Isabella and Shane have \$154.00.

