Learning to represent division of fractions using visual models in situations where division of a whole number results in fractions and mixed numbers by interpreting the corresponding multiplication equation as a multiplicative comparison.

CCSS.MATH.CONTENT.5.NF.B.3 | G5M5C28

It's time to throw a surprise farewell party. Let's plan this out.

1 You go to the store to buy some cardboard sheets for making a box. If a cardboard sheet costs $3, then what is the cost of 5 such cardboard sheets? Write your answer in the boxes given below and complete the sentence.

Cost of 5 such cardboard sheets = 3 × ☐ = $ ☐☐

The cost of 5 sheets = ☐ times as much as $3.

2 6 of your friends want to buy chocolates worth $5. How much does each person pay if the price is equally distributed among your friends? Write your answer in the boxes given below.

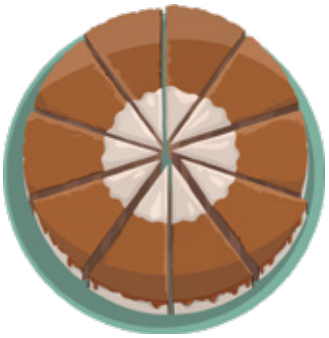
Number of people = ☐

Cost of the chocolates = $ ☐

Contribution of each person = $ $\frac{\square}{\square}$

3 You buy a cake for your friend's farewell party. The cake weighs 10 pounds. If 13 of your friends need to share the cake, how much does each friend get?

Each friend gets $\frac{\square\square}{\square\square}$ pound(s) of cake



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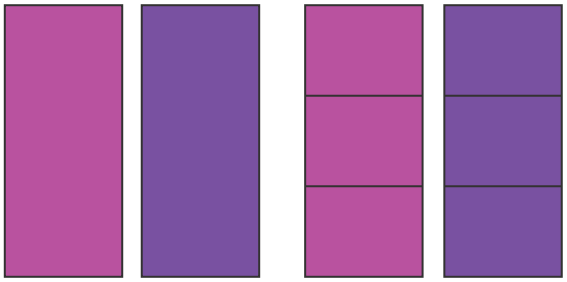
4 Three friends share two metal bars equally to make a photo frame as a farewell gift. What share does each friend receive? Write your answer in reduced form in the boxes below.



Friend 1

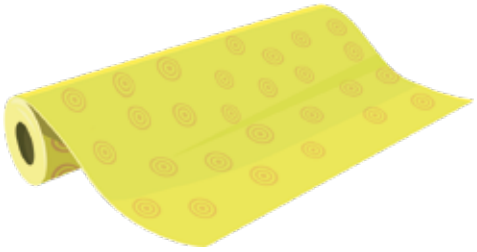
Friend 2

Friend 3

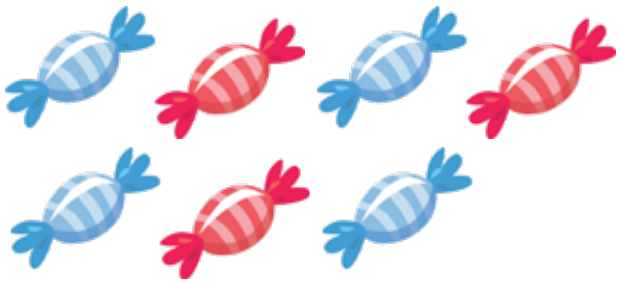
Each friend's share = $\frac{\square}{\square}$

5 Five of your friends buy a combined total of 4 sheets of gift wrapping paper from the supermarket. Each of them bring equal shares of gift wrapping paper. How much gift wrapping paper does each friend bring? Write your answer in the boxes below.

Amount of gift wrapping paper that each friend brings = $\frac{\square}{\square}$



6 One of your friends comes to the party with 3 red-colored toffees and 4 blue-colored toffees. What is the ratio of red-colored toffees to blue-colored toffees? Write your answer in the boxes given below.



Ratio = $\square$: $\square$

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Cost of 5 such cardboard sheets = 3 × [5] = $ [1][5]

The cost of 5 sheets = [5] times as much as $3.

2 6 of your friends want to buy chocolates worth $5. How much does each person pay if the price is equally distributed among your friends? Write your answer in the boxes given below.

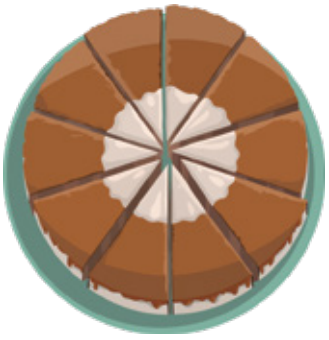
Number of people = [6]

Cost of the chocolates = $ [5]

Contribution of each person = $ $\frac{[5]}{[6]}$

3 You buy a cake for your friend's farewell party. The cake weighs 10 pounds. If 13 of your friends need to share the cake, how much does each friend get?

Each friend gets $\frac{[1][0]}{[1][3]}$ pound(s) of cake



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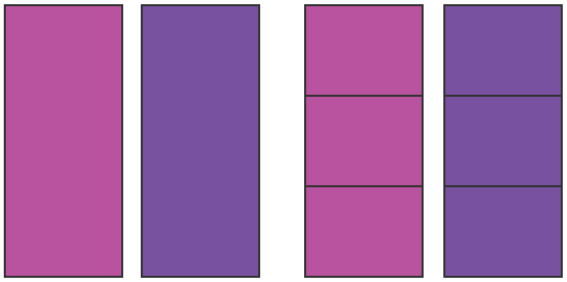


Friend 1

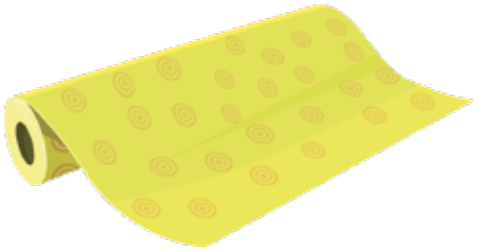
Friend 2

Friend 3

Each friend's share = $\frac{2}{3}$

5 Five of your friends buy a combined total of 4 sheets of gift wrapping paper from the supermarket. Each of them bring equal shares of gift wrapping paper. How much gift wrapping paper does each friend bring? Write your answer in the boxes below.

Amount of gift wrapping paper that each friend brings = $\frac{4}{5}$



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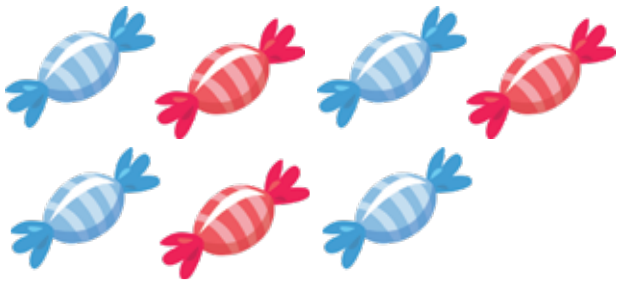

Ratio = 3 : 4