Solving Word Problems on Equivalent Ratios

1. John and Ken shared some sweets in the ratio 7:3. John gives 3 sweets to Ken and now the ratio is 5:3. How many sweets did each have initially?

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2. Kris and Jennifer bought some cookies in the ratio 3:5. After Jennifer bought another 24 cookies, the ratio became 1:2. How many cookies did Kris buy?

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Solving Word Problems on Equivalent Ratios

1. John and Ken shared some sweets in the ratio 7:3. John gives 3 sweets to Ken and now the ratio is 5:3. How many sweets did each have initially?

John had 28 sweets and Ken had 12 sweets.

2. Kris and Jennifer bought some cookies in the ratio 3:5. After Jennifer bought another 24 cookies, the ratio became 1:2. How many cookies did Kris buy?

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