

06-10-30-T6 (REV2)

Ratio

[1] Alice and Barb shared a sum of money equally. Later, Alice gave Barb \$26. Then the ratio of Alice's money to Barb's money was 3 : 7. How much money do the girls have altogether?

[2] Al and Bill shared some marbles equally. After Al gave Bill half of his marbles, what was the new ratio of Al's to Bill's marbles?

[3] Colin and Dorthy had equal amounts of money. After Dorthy received \$120, she had four times as much money as Colin. How much money did each child have to start with?

[4] The ratio of Ed's money to Fred's money was 2 : 3 at the start. Later, Fred received \$64. Then the ratio of Ed's money to Fred's money was 1 : 4. How much more money did Fred have than Ed at the start?

[5] The ratio of Gene's stamps to Helen's stamps was 3 : 5. After Helen gave away 30 stamps, the new ratio of Gene's stamps to Helen's stamps was 3 : 2. How many stamps did the children have altogether at the start?

[6] Karl and Lena had the same number of coins to start. Later, Karl gave away 30 of his coins and Lena gave away 12 of her coins. Then the ratio of Karl's coins to Lena's coins was 2 : 5. How many coins did each person have to start with?

[7] Mary gave half of her money to Nancy. Then Nancy had \$173.29 more money than Mary. How much money did Nancy have to start with?

[8] The ratio of Olivia's money to Pat's money was 3 : 4. After Olivia got \$12 more, the girls had the same amount of money each. How much money do the two girls have altogether?

[9] The ratio of Alice's stamps to Bill's stamps to Corin's stamps was 2 : 3 : 5. Bill gave half of his stamps to Alice and the other half to Corin. What was the new ratio of Alice's stamps to Corin's stamps?

Answers

[1] \$130 [2] 1 : 3 [3] \$40 [4] \$12.80 [5] \$80

[6] 42 coins [7] \$173.29 [8] \$96 [9] 7 : 13