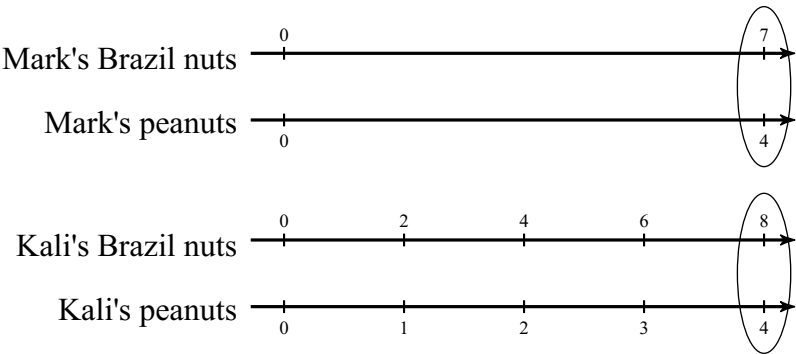


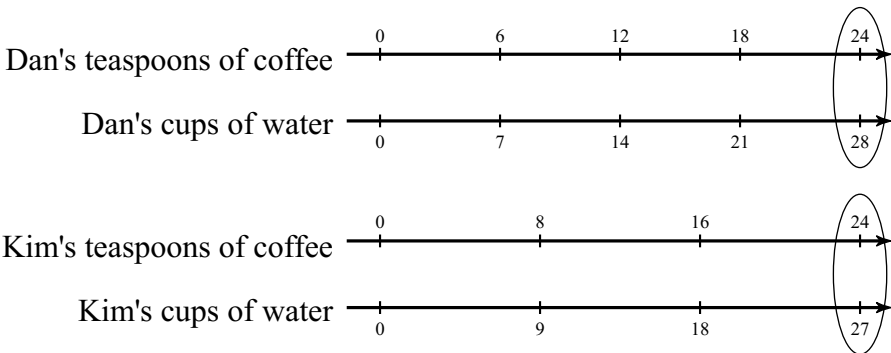
Comparing Ratios

Solve each ratio problem. Two double number lines representing the two ratios are provided.

- 1) Mark's can of nuts contains 7 Brazil nuts and 4 peanuts. Kali's can of nuts contains 2 Brazil nuts and 1 peanut. Whose can of nuts has the greater ratio of Brazil nuts to peanuts?



- 2) Dan's instant coffee recipe calls for 6 teaspoons of coffee and 7 cups of water. Kim's instant coffee recipe calls for 8 teaspoons of coffee and 9 cups of water. Whose instant coffee will have a stronger coffee flavor?



For each problem, sketch two double number lines to represent the two ratios and then solve the ratio problem.

- 3) Ming's bouquet of flowers has 4 roses and 1 carnation. Heather's bouquet of flowers has 10 roses and 3 carnations. Whose bouquet of flowers has the greater ratio of roses to carnations?

- 4) Mofor mixed 6 cans of red paint with 7 cans of white paint to make pink. Emily also made pink by mixing 2 cans of red paint with 3 cans of white paint. Whose mixture is a darker color?

Solve each ratio problem.

- 5) Krystal's basket of fruit contains 6 apples and 5 plums. Shawna's basket of fruit contains 4 apples and 3 plums. Whose basket of fruit has the greater ratio of apples to plums?

- 6) Dan mixed 4 cans of purple paint with 9 cans of white paint to make light purple. Jessica also made light purple by mixing 3 cans of purple paint with 8 cans of white paint. Whose mixture is a lighter color?

- 7) Which ratio is greater? $2:5$ or $2:7$

- 8) Which ratio is lesser? $8:5$ or $9:5$

- 9) Which ratio is lesser? $3:7$ or $1:2$

- 10) Which ratio is greater? $2:1$ or $7:4$

- 11) Which ratio is greater? $7:4$ or $4:3$

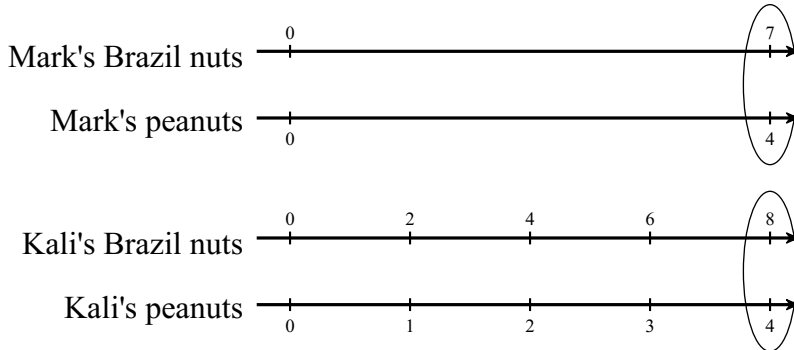
- 12) Which ratio is lesser? $3:8$ or $2:5$

Comparing Ratios

Date _____ Period _____

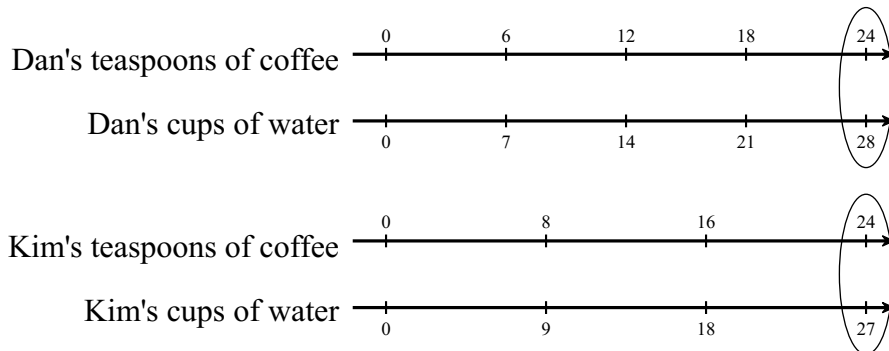
Solve each ratio problem. Two double number lines representing the two ratios are provided.

- 1) Mark's can of nuts contains 7 Brazil nuts and 4 peanuts. Kali's can of nuts contains 2 Brazil nuts and 1 peanut. Whose can of nuts has the greater ratio of Brazil nuts to peanuts?



Kali's

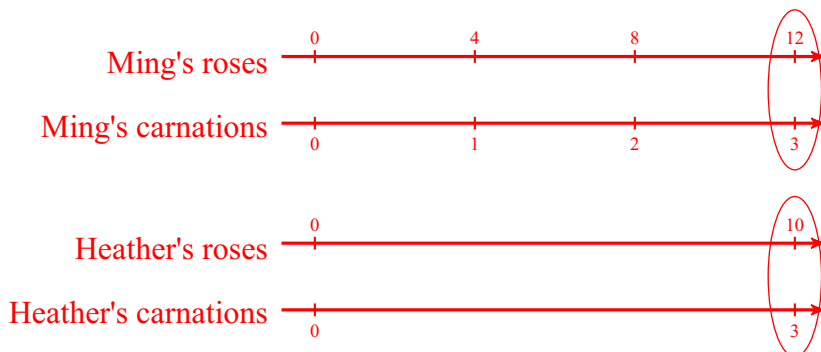
- 2) Dan's instant coffee recipe calls for 6 teaspoons of coffee and 7 cups of water. Kim's instant coffee recipe calls for 8 teaspoons of coffee and 9 cups of water. Whose instant coffee will have a stronger coffee flavor?



Kim's

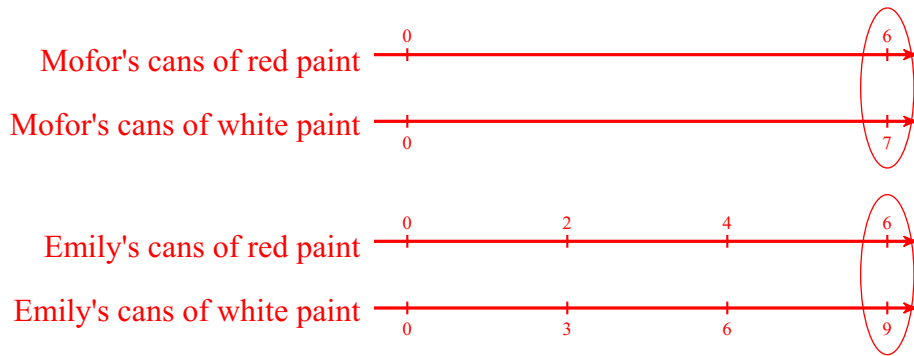
For each problem, sketch two double number lines to represent the two ratios and then solve the ratio problem.

- 3) Ming's bouquet of flowers has 4 roses and 1 carnation. Heather's bouquet of flowers has 10 roses and 3 carnations. Whose bouquet of flowers has the greater ratio of roses to carnations?



Ming's

- 4) Mofor mixed 6 cans of red paint with 7 cans of white paint to make pink. Emily also made pink by mixing 2 cans of red paint with 3 cans of white paint. Whose mixture is a darker color?



Mofor's

Solve each ratio problem.

- 5) Krystal's basket of fruit contains 6 apples and 5 plums. Shawna's basket of fruit contains 4 apples and 3 plums. Whose basket of fruit has the greater ratio of apples to plums?

Shawna's

- 6) Dan mixed 4 cans of purple paint with 9 cans of white paint to make light purple. Jessica also made light purple by mixing 3 cans of purple paint with 8 cans of white paint. Whose mixture is a lighter color?

Jessica's

- 7) Which ratio is greater? 2:5 or 2:7

2:5

- 8) Which ratio is lesser? 8:5 or 9:5

8:5

- 9) Which ratio is lesser? 3:7 or 1:2

3:7

- 10) Which ratio is greater? 2:1 or 7:4

2:1

- 11) Which ratio is greater? 7:4 or 4:3

7:4

- 12) Which ratio is lesser? 3:8 or 2:5

3:8