

Ratio and Rates

Express each ratio as fraction in the simplest form.

1) 24 students to 12 students

2) 6 gallons to 4 gallons

3) 220 pounds to 11 pounds

4) 14 cm to 12 cm

5) 16 nickels to 14 nickels

6) 22 cakes to 18 cakes

7) 21 points to 14 points

8) 12 days to 8 days

9) 21 dimes to 24 dimes

10) 11 footballers to 9 footballers

11) 60 miles to 72 miles

12) 20 red cars to 22 red cars

13) 32 beetles to 22 beetles

14) 34 girls to 30 girls

15) 16 feet to 10 feet

16) 66 pennies to 12 pennies

17) 30 chairs to 8 chairs

18) 14 places to 6 places

19) 26 shoes to 18 shoes

20) 27 pens to 12 pens

Ratio and Rates

Answers

- 1) 24 students to 12 students $\frac{2}{1}$ 2) 6 gallons to 4 gallons $\frac{3}{2}$
- 3) 220 pounds to 11 pounds $\frac{20}{1}$ 4) 14 cm to 12 cm $\frac{7}{6}$
- 5) 16 nickels to 14 nickels $\frac{8}{7}$ 6) 22 cakes to 18 cakes $\frac{11}{9}$
- 7) 21 points to 14 points $\frac{3}{2}$ 8) 12 days to 8 days $\frac{3}{2}$
- 9) 21 dimes to 24 dimes $\frac{7}{8}$ 10) 11 footballers to 9 footballers $\frac{11}{9}$
- 11) 60 miles to 72 miles $\frac{5}{6}$ 12) 20 red cars to 22 red cars $\frac{10}{11}$
- 13) 32 beetles to 22 beetles $\frac{16}{11}$ 14) 34 girls to 30 girls $\frac{17}{15}$
- 15) 16 feet to 10 feet $\frac{8}{5}$ 16) 66 pennies to 12 pennies $\frac{11}{2}$
- 17) 30 chairs to 8 chairs $\frac{15}{4}$ 18) 14 places to 6 places $\frac{7}{3}$
- 19) 26 shoes to 18 shoes $\frac{13}{9}$ 20) 27 pens to 12 pens $\frac{9}{4}$