Ratio Statements

Name: _____ Score: _____

Read the statements. Express the ratios in their simplest forms

There are 500 cars parked in a parking lot. 15% of them are blue, 25% is black, there are 100 red cars and the rest is white.

The ratio blue to red cars is _____

The ratio black to white cars is _____

The ratio red to black cars is _____

The ratio red cars to the total is _____

The ratio white and black cars to the total is _____

What percentage of the parked cars is red? _____

There are (x + 15) students in my class. (4x - 48) of them have blue eyes, 10 have brown eyes and 8 have black eyes.

The ratio students with blue eyes to brown eyes is_____

The ratio students with black eyes to brown eyes is _____

The ratio students with blue eyes to black eyes is _____

The ratio students with blue eyes to the total is _____

The ratio students with black eyes to the total is _____

What percentage of the students have blue eyes? _____

Answers

Read the statements. Express the ratios in their simplest forms

There are 500 cars parked in a parking lot. 15% of them are blue, 25% is black, there are 100 red cars and the rest is white.

The ratio blue to red cars is ___3 : 4___

The ratio black to white cars is ___5 : 8___

The ratio red to black cars is ___4 : 5___

The ratio red cars to the total is ___1 : 5___

The ratio white and black cars to the total is ___13 : 20___

What percentage of the parked cars is red? ___20%___

There are (x + 15) students in my class. (4x - 48) of them have blue eyes, 10 have brown eyes and 8 have black eyes.

The ratio students with blue eyes to brown eyes is ___6 : 5___

The ratio students with black eyes to brown eyes is ___4 : 5___

The ratio students with blue eyes to black eyes is ___3 : 2___

The ratio students with blue eyes to the total is ___2 : 5___

The ratio students with black eyes to the total is ___4 : 15___

What percentage of the students have blue eyes? ___40%___

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