New Maths GCSE: N1 & R6 - Fractions and Ratios

Name:.. Date:..

The ratio of boys to girls in a class is 2 : 3

Questions provided by JustMaths

How would you evaluate the statement:

The fraction of boys in the class is $\frac{2}{3}$

A) Definitely True   B) Definitely False

C) Could be true   D)

Correct Answer: A B C D

Explanation:

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The ratio of girls to boys in a class is 1:2

What fraction of the class are girls?

A $\frac{1}{2}$ B $\frac{1}{3}$

C $\frac{2}{3}$ D $\frac{2}{1}$

Correct Answer: A B C D

Explanation:

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$\frac{1}{5}$th of the coins in my pocket are 50ps, and the rest are £1s

What is the ratio of 50ps to £1s?

A 1:5   B 1:6

C 1:4   D 5:1

Correct Answer: A B C D

Explanation:

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The ratio of red counters to blue counters in a bag is 2:5

What fraction of the counters are red?

A $\frac{3}{5}$ B $\frac{2}{3}$

C $\frac{2}{5}$ D $\frac{2}{7}$

Correct Answer: A B C D

Explanation:

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$\frac{2}{3}$rds of flowers in a bouquet are roses and the rest are lilies.

What is the ratio of roses to lilies?

A 1:3   B 2:5

C 2:1   D 2:3

Correct Answer: A B C D

Explanation:

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The ratio of apples to pears in a fruit bowl is 3:4

What fraction of the fruit are pears?

A $\frac{3}{4}$ B $\frac{4}{3}$

C $\frac{4}{7}$ D $\frac{3}{7}$

Correct Answer: A B C D

Explanation:

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In a bag, there are $\frac{3}{4}$ more blue balls than black balls

What is the ratio of blue balls to black balls?

A 7:4   B 3:4

C 4:3   D 3:1

Correct Answer: A B C D

Explanation:

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Three-quarters of the junior members of a tennis club are boys and the rest are girls. What is the ratio of boys to girls among these members?

A 3:4
B 4:3
C 3:1
D 1:3

Mr P Collins

Correct Answer: A B C D

Explanation:

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