(9) Fractions Overview

Simplify the following fractions:

(a) $\frac{5}{10}$ (b) $\frac{12}{18}$ (c) $\frac{7}{21}$

Write the following improper fraction (top heavy) as a mixed number: $\frac{8}{5}$

Write the following as an improper (top heavy fraction): $2\frac{1}{7}$

Find $\frac{1}{5}$ of £60

Find the following: (a) $\frac{1}{3}+\frac{1}{5}$ (b) $\frac{3}{8}-\frac{1}{4}$

Find the following: (a) $\frac{5}{7}\times\frac{2}{3}$ (b) $\frac{3}{5}\div\frac{2}{3}$

Which is larger?: 0.24 or $\frac{1}{4}$

Write $\frac{2}{5}$ as a percentage

Put the following in order of size, smallest first:

$\frac{3}{4},\frac{7}{12},\frac{2}{3},\frac{1}{2},\frac{5}{6}$

James buys tickets for the cinema. Each ticket is £20. An advert at the cinema says "Buy 6 and get $\frac{1}{3}$ off the total cost". How much would James pay for 6 tickets

Sue eats $\frac{1}{4}$ of half of a cake that is left in the fridge. What fraction of the **whole** cake has she eaten?

Prices are set to rise by $\frac{1}{5}$ on a local train. A standard ticket usually costs £35. What is the new cost?

Which has a higher value? $\frac{2}{3}$ of £60 **or** 10% of £450 **and** by how much?

$\frac{1}{4}$ of the spectators at a football match are children, $\frac{1}{2}$ are adults and the remaining amount are OAPs. If there are 12'000 people at the match, how many are OAPS?

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