Extra Content for Foundation GCSE



73. Simplifying Fractions Using Cancellation

Practice Questions

- 1. Simplify $\frac{16}{24}$.
- 2. Reduce $\frac{27}{36}$ to its simplest form.
- 3. Write $\frac{10}{15}$ in its lowest terms.
- 4. Simplify $\frac{18}{54}$ using cancellation.
- 5. Express $\frac{14}{28}$ in its simplest form.
- 6. Find the simplest form of $\frac{21}{49}$.
- 7. Which of these is the simplest form of $\frac{32}{48}$? (a) $\frac{8}{12}$ (b) $\frac{2}{3}$ (c) $\frac{4}{6}$
- 8. Simplify $\frac{99}{121}$ fully.
- 9. A student writes $\frac{42}{63} = \frac{2}{3}$. Are they correct?
- 10. Express $\frac{30}{50}$ in its lowest form.

Scenario Questions

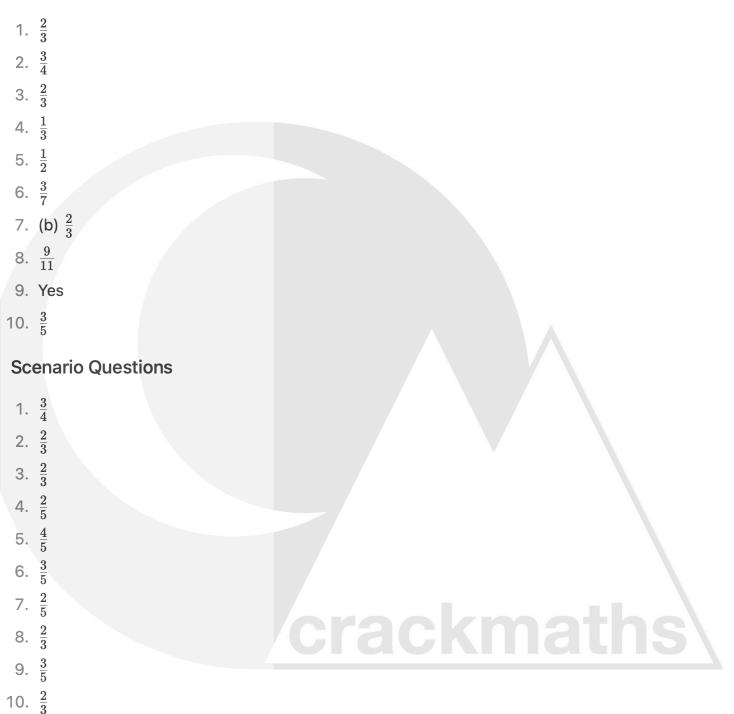
- 1. A recipe calls for $\frac{18}{24}$ cups of flour. Simplify the fraction.
- 2. A football team won 12 out of 18 games. Write the win ratio in its simplest form.
- 3. A shop sells 30 red T-shirts and 45 blue T-shirts. Express the ratio of red to blue in the simplest form.
- 4. A farmer has 42 cows and 63 sheep. Write the fraction of cows to total animals in its lowest terms.
- 5. A student got 16 out of 20 questions correct. Simplify their score as a fraction.
- 6. A bottle contains 300ml of juice, and Sam drinks 120ml. What fraction of the juice remains?
- 7. A park has 40 oak trees and 60 maple trees. Express the fraction of oak trees in simplest form.
- 8. A baker makes 54 chocolate cupcakes and 81 vanilla cupcakes. Simplify the fraction of chocolate cupcakes.
- 9. A train journey is 75 km, but a passenger gets off after 45 km. What fraction of the journey is completed?
- 10. A builder uses 16 out of 24 bricks for a wall. Express the fraction of used bricks in simplest form.

Extra Content for Foundation GCSE



73. Simplifying Fractions Using Cancellation





crackmaths.co.uk ©