

# Simplify Fractions

1.

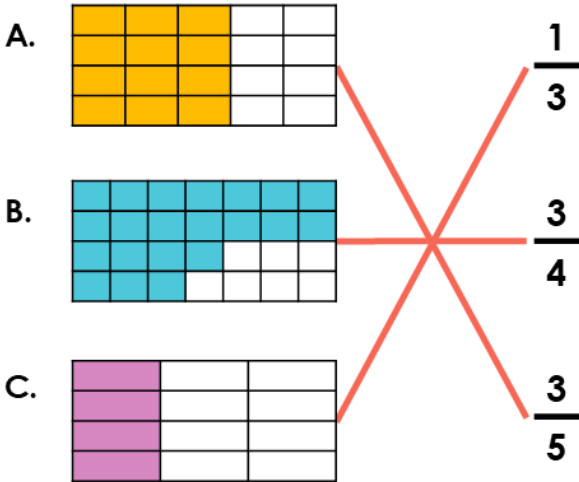
A.  $\frac{18}{30} = \frac{3}{5}$

$\div 6$

B.  $\frac{36}{63} = \frac{4}{7}$

$\div 9$

2.



3. The fractions shown in their simplest form are:  $\frac{9}{13}$ ,  $\frac{2}{5}$ ,  $\frac{13}{17}$ ,  $\frac{4}{9}$  and  $\frac{11}{25}$ .

4. D is the odd one out because this image shows  $\frac{18}{28}$ , which can be written as  $\frac{9}{14}$  in its simplest form. Fractions A, B and C can all be simplified to  $\frac{3}{4}$ .

5.  $\frac{2}{3}$  of the fruit delivery is bananas and  $\frac{1}{3}$  of the delivery is apples.

6. Addison is incorrect because  $\frac{64}{84}$  has a highest common factor of 4 and can be simplified to  $\frac{16}{21}$  but  $\frac{12}{60}$  has a highest common factor of 12 and can be simplified to  $\frac{1}{5}$ .

Addison's statement is incorrect because you cannot simplify two fractions by finding the highest common factor of all four numbers as one of the fractions may have a different highest common factor.