

1. Complete these steps to write  $\frac{12}{32}$  in simplest form.

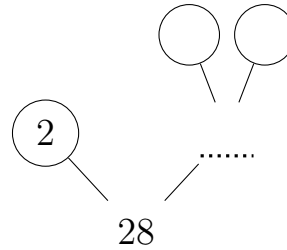
$$\frac{12}{32} = \frac{2 \times 2 \times 3}{2 \times 2 \times 2 \times 2 \times 2} = \text{---}$$

2. Complete

(i) the prime factor trees for 28

(ii) the steps to write  $\frac{28}{56}$  in simplest form.

$$\frac{28}{56} = \frac{\text{---}}{2 \times 2 \times 2 \times 7} = \text{---}$$



3. (a) Write  $\frac{50}{80}$  in its simplest form. {divide by 10}  
 (b) Write  $\frac{4}{6}$  in its simplest form. {divide by 2}
4. (a) Write  $\frac{56}{72}$  in its simplest form. {divide by  $2^n$ }  
 (b) Write  $\frac{45}{63}$  in its simplest form. {divide by 9}  
 (c) Write  $\frac{15}{35}$  in its simplest form. {divide by 5}
5. (a) Write  $\frac{15}{36}$  in its simplest form. {divide by 3}  
 (b) Write  $\frac{6}{36}$  in its simplest form. {divide by  $2^n$  and 3}