Simplifying Fractions

To simplify a fraction you need
to check whether there is any
number which you can divide into
both the numerator and denominator
in order to make the fraction smaller.
You must use the same divisor
for both the numerator and denominator.

Examples:

1) $\dfrac{4}{6}$ ← can both be divided by 2 $= \dfrac{2}{3}$

2) $\dfrac{15}{25}$ ← both can be divided by 5 $= \dfrac{3}{5}$

Reduce the following fractions
to their lowest terms:

1) $\dfrac{8}{20} =$

2) $\dfrac{9}{24} =$

3) $\dfrac{16}{24} =$

4) $\dfrac{24}{30} =$

5) $\dfrac{6}{15} =$

6) $\dfrac{12}{16} =$

7) $\dfrac{15}{45} =$

8) $\dfrac{27}{36} =$

9) $\dfrac{24}{48} =$

10) $\dfrac{25}{40} =$