EX. 11(B) 4. Write the next two equivalent fractions of each of the following fractions.

(a) $\frac{2}{3}$, $\frac{4}{6}$, $\frac{6}{9}$

(b) $\frac{5}{7}$, $\frac{10}{14}$, $\frac{15}{21}$

(c) $\frac{6}{11}$, $\frac{24}{44}$, $\frac{36}{66}$

(d) $\frac{5}{9}$, $\frac{10}{18}$, $\frac{15}{27}$

(e) $\frac{3}{10}$, $\frac{6}{20}$, $\frac{9}{30}$

5. Fill in the blanks.

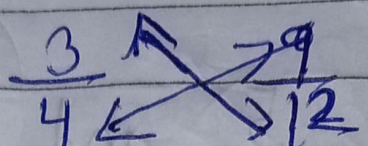
(a) $\frac{5}{8} = \frac{25}{\boxed{40}}$ (b) $\frac{3}{4} = \frac{15}{\boxed{20}}$

(c) $\frac{\boxed{7}}{9} = \frac{63}{81}$ (d) $\frac{4}{\boxed{5}} = \frac{20}{25}$

(e) $\frac{15}{25} = \frac{3}{\boxed{5}}$

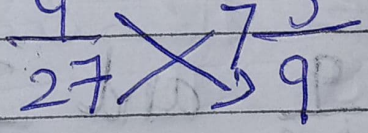
6. Check whether the given fractions are equivalent or not:

(a) $\frac{3}{4}$ and $\frac{9}{12}$

$3 \times 12 = 36$  $4 \times 9 = 36$

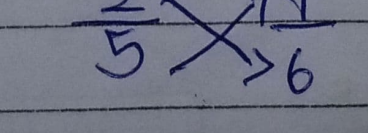
So, $\frac{3}{4}$ and $\frac{9}{12}$ is equivalent fractions.

(b) $\frac{9}{27}$ and $\frac{3}{9}$

$9 \times 9 = 81$  $27 \times 3 = 81$

So, $\frac{9}{27}$ and $\frac{3}{9}$ is equivalent fractions.

(c) $\frac{2}{5}$ and $\frac{7}{6}$

$2 \times 6 = 12$  $5 \times 7 = 35$

So, $\frac{2}{5}$ and $\frac{7}{6}$ is not equivalent fractions.

(d) $\frac{5}{9}$ and $\frac{9}{12}$

$9 \times 9 = 81$ $\frac{5}{9} \times \frac{9}{12}$ $5 \times 12 = 60$

So, $\frac{5}{9}$ and $\frac{9}{12}$ is not equivalent fractions.

(e) $\frac{9}{15}$ and $\frac{3}{5}$

$9 \times 5 = 45$ $\frac{9}{15} \times \frac{3}{5}$ $15 \times 3 = 45$

So, $\frac{9}{15}$ and $\frac{3}{5}$ is are equivalent fractions.

(f) $\frac{2}{4}$ and $\frac{9}{12}$

$4 \times 9 = 36$ $\frac{2}{4} \times \frac{9}{12}$ $2 \times 12 = 24$

~~$4 \times 9 =$~~ So, $\frac{4}{9}$ and $\frac{2}{12}$ is not ~~a~~ equivalent fractions.

(g) $\frac{11}{12}$ and $\frac{7}{9}$

$11 \times 9 = 99$ $\frac{11}{12} \times \frac{7}{9}$ $12 \times 7 = 84$

So, $\frac{11}{12}$ and $\frac{7}{9}$ is not equivalent fractions.