Lesson 4 – Equivalent & Basic Fractions

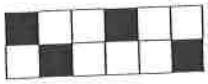
A. Write three equivalent fractions for each of the following.

1. $^{3}/_{4}$
2. $^{7}/_{8}$
3. $^{4}/_{15}$
4. $^{1}/_{2}$
5. $^{4}/_{5}$
6. $^{2}/_{7}$
7. $^{3}/_{8}$
8. $^{7}/_{12}$

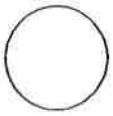
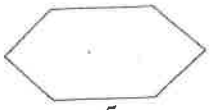
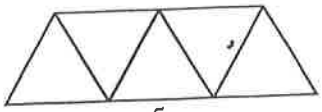
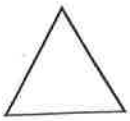
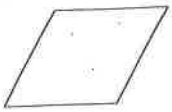
B. Write basic fractions for each of the following.

1. $^{36}/_{48}$
2. $^{48}/_{14}$
3. $^{6}/_{10}$
4. $^{96}/_{18}$
5. $^{21}/_{49}$
6. $^{100}/_{15}$
7. $^{9}/_{24}$
8. $^{48}/_{60}$

C. State the basic fraction for the shaded portion in each of the following.

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 

D. Shade in the amount indicated by the fractions in each diagram below.

1. 
$\frac{3}{5}$
2. 
$\frac{5}{8}$
3. 
$\frac{5}{6}$
4. 
$\frac{5}{10}$
5. 
$\frac{3}{4}$
6. 
$\frac{1}{8}$

E. Supply the missing element required to make the fractions equivalent.

1. $^{2}/_{3} = {}^{x}/_{21}$
2. $^{3}/_{8} = {}^{12}/_{x}$
3. $^{15}/_{20} = {}^{15}/_{x}$
4. $^{7}/_{12} = {}^{x}/_{84}$
5. $^{5}/_{x} = {}^{60}/_{72}$
6. $^{x}/_{14} = {}^{36}/_{84}$

F. A splice uses 24 centimetres of rope when two ropes are tied together. What basic fraction is this of a 300 centimetre spliced rope?