Name: _____

#1. **STEP 1: Identify SLSF**

$SLSF = \dfrac{\textit{Length of side from shape with the missing area}}{\textit{Length of side from other shape}}$

$SLSF = \dfrac{\quad\quad}{\quad\quad} = \dfrac{\quad\quad}{\quad\quad}$ (Re *duce*)

STEP 2: Identify the Area Scale Factor (ASF)

$ASF = \left(SLSF\right)^2 = \left(\dfrac{\quad\quad}{\quad\quad}\right)^2 = \dfrac{\quad\quad}{\quad\quad}$

STEP 3: Set–up proportion (x = missing area)

$\dfrac{x}{\quad\quad} = \dfrac{\quad\quad}{\quad\quad}$

Mssing Area = �

#2. **STEP 1: Identify SLSF**

$SLSF = \dfrac{\textit{Length of side from shape with the missing area}}{\textit{Length of side from other shape}}$

$SLSF = \dfrac{\quad\quad}{\quad\quad} = \dfrac{\quad\quad}{\quad\quad}$ (Re *duce*)

STEP 2: Identify the Area Scale Factor (ASF)

$ASF = \left(SLSF\right)^2 = \left(\dfrac{\quad\quad}{\quad\quad}\right)^2 = \dfrac{\quad\quad}{\quad\quad}$

STEP 3: Set–up proportion (x = missing area)

$\dfrac{x}{\quad\quad} = \dfrac{\quad\quad}{\quad\quad}$

Mssing Area =

#3. **STEP 1: Identify SLSF**

$SLSF = \dfrac{\textit{Length of side from shape with the missing area}}{\textit{Length of side from other shape}}$

$SLSF = \dfrac{\quad\quad}{\quad\quad} = \dfrac{\quad\quad}{\quad\quad}$ (Re *duce*)

STEP 2: Identify the Area Scale Factor (ASF)

$ASF = \left(SLSF\right)^2 = \left(\dfrac{\quad\quad}{\quad\quad}\right)^2 = \dfrac{\quad\quad}{\quad\quad}$

STEP 3: Set–up proportion (x = missing area)

$\dfrac{x}{\quad\quad} = \dfrac{\quad\quad}{\quad\quad}$

Mssing Area =

#4. **STEP 1: Identify SLSF**

$SLSF = \dfrac{\textit{Length of side from shape with the missing area}}{\textit{Length of side from other shape}}$

$SLSF = \dfrac{\quad\quad}{\quad\quad} = \dfrac{\quad\quad}{\quad\quad}$ (Re *duce*)

STEP 2: Identify the Area Scale Factor (ASF)

$ASF = \left(SLSF\right)^2 = \left(\dfrac{\quad\quad}{\quad\quad}\right)^2 = \dfrac{\quad\quad}{\quad\quad}$

STEP 3: Set–up proportion (x = missing area)

$\dfrac{x}{\quad\quad} = \dfrac{\quad\quad}{\quad\quad}$

Mssing Area =

#5. STEP 1: Identify SLSF

$SLSF = \dfrac{Length\ of\ side\ from\ shape\ with\ the\ missing\ area}{Length\ of\ side\ from\ other\ shape}$

$SLSF = \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$ (Reduce)

STEP 2: Identify the Area Scale Factor (ASF)

$ASF = \left(SLSF\right)^2 = \left(\dfrac{\quad}{\quad}\right)^2 = \dfrac{\quad}{\quad}$

STEP 3: Set–up proportion (x = missing area)

$\dfrac{x}{\quad} = \dfrac{\quad}{\quad}$

Mssing Area =

#6. STEP 1: Identify SLSF

$SLSF = \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$ (Reduce)

STEP 2: Identify the Area Scale Factor (ASF)

$ASF = \left(SLSF\right)^2 = \left(\dfrac{\quad}{\quad}\right)^2 = \dfrac{\quad}{\quad}$

STEP 3: Set–up proportion (x = missing area)

$\dfrac{x}{\quad} = \dfrac{\quad}{\quad}$

Mssing Area =

#7. STEP 1: Identify SLSF

$SLSF = \dfrac{Length\ of\ side\ from\ shape\ with\ the\ missing\ area}{Length\ of\ side\ from\ other\ shape}$

$SLSF = \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$ (Reduce)

STEP 2: Identify the Area Scale Factor (ASF)

$ASF = \left(SLSF\right)^2 = \left(\dfrac{\quad}{\quad}\right)^2 = \dfrac{\quad}{\quad}$

STEP 3: Set–up proportion (x = missing area)

$\dfrac{x}{\quad} = \dfrac{\quad}{\quad}$

Mssing Area =

#8. STEP 1: Identify SLSF

$SSLSF = \dfrac{Length\ of\ side\ from\ shape\ with\ the\ missing\ area}{Length\ of\ side\ from\ other\ shape}$

$SLSF = \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$ (Reduce)

STEP 2: Identify the Area Scale Factor (ASF)

$ASF = \left(SLSF\right)^2 = \left(\dfrac{\quad}{\quad}\right)^2 = \dfrac{\quad}{\quad}$

STEP 3: Set–up proportion (x = missing area)

$\dfrac{x}{\quad} = \dfrac{\quad}{\quad}$

Mssing Area =

#9. STEP 1: Identify SLSF

$$SLSF = \frac{\text{Length of side from shape with the missing area}}{\text{Length of side from other shape}}$$

$$SLSF = \frac{\quad\quad}{\quad\quad} = \frac{\quad\quad}{\quad\quad} \quad (\text{Re}\,duce)$$

STEP 2: Identify the Area Scale Factor (ASF)

$$ASF = \left(SLSF\right)^2 = \left(\frac{\quad\quad}{\quad\quad}\right)^2 = \frac{\quad\quad}{\quad\quad}$$

STEP 3: Set–up proportion (x = missing area)

$$\frac{x}{\quad\quad} = \frac{\quad\quad}{\quad\quad}$$

Mssing Area =

#10. STEP 1: Identify SLSF

$$SLSF = \frac{\text{Length of side from shape with the missing area}}{\text{Length of side from other shape}}$$

$$SLSF = \frac{\quad\quad}{\quad\quad} = \frac{\quad\quad}{\quad\quad} \quad (\text{Re}\,duce)$$

STEP 2: Identify the Area Scale Factor (ASF)

$$ASF = \left(SLSF\right)^2 = \left(\frac{\quad\quad}{\quad\quad}\right)^2 = \frac{\quad\quad}{\quad\quad}$$

STEP 3: Set–up proportion (x = missing area)

$$\frac{x}{\quad\quad} = \frac{\quad\quad}{\quad\quad}$$

Mssing Area =