

**Siempre humildes y amables, pacientes, tolerantes unos con otros en amor.** [**Efesios 4:2**](https://dailyverses.net/es/efesios/4/2)

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**GUIA DE TRABAJO N°5**

(Fracciones impropias y números mixtos), texto pág. 36 a 39)

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| **Nombre** | **Curso** | **Fecha** |
|  | **6° año** | \_\_\_\_/\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_ |

**Objetivo:** Expresar fracciones impropias como números mixtos y viceversa.

Las fracciones impropias son aquellas en las que el numerador es mayor que el denominador. Se pueden representar como números mixtos, los que se componen por una parte entera y una fracción propia.

1. **Escribe como fracción impropia y como número mixto cada una de las siguientes representaciones.**

 

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1. **Transformar cada fracción impropia en número mixto o viceversa, según corresponda. Luego, ubique la figura que corresponde al lado de cada representación**

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1. $4\frac{3}{8}$

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**b.** $\frac{15}{7}$

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1. $5\frac{11}{16}$

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**d.** $\frac{20}{17}$

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1. **Encierra el o los errores cometidos en cada transformación. (Ubicar el recuadro en rojo sobre el error)**

**a.** $12\frac{7}{15}$ = $\frac{15 •12 + 7}{15}$ = $\frac{116}{12}$ **b.** $4\frac{12}{17}$ = $\frac{4 •17 + 12}{17}$ = $\frac{116}{17}$

1. **Escribe el número que debe ir en cada recuadro para que las fracciones sean equivalentes. (Hacer clic sobre el recuadro de puntos para ubicar el número correspondiente).**

a. $\frac{3}{2}$ $\frac{}{8}$ $\frac{36}{}$ $\frac{}{120}$ b. $\frac{}{11}$ $\frac{7}{77}$ $\frac{14}{}$ $\frac{28}{}$

c. $\frac{2}{45}$ $\frac{}{90}$ $\frac{}{135}$ $\frac{24}{}$ d. $\frac{}{3}$ $\frac{20}{12}$ $\frac{80}{}$ $\frac{160}{}$

1. **Resuelve los siguientes problemas**. **( Responder y desarrollar dentro del recuadro establecido)**
2. ¿Es posible representar una fracción impropia menor que 1? Explica.
3. En una receta se indica que se utilizarán $2\frac{3}{4}$ kg de harina y $\frac{5}{2}$ kg de frutilla. ¿Cuál de los dos productos se encuentra en mayor cantidad en la receta?
4. ***Ciencias Naturales* Analiza la siguiente situación. Luego, responde las preguntas y compara tus procedimientos con los de tus compañeros y compañeras. (Ubicar la figura grafica coloreada, al lado del nombre de cada foca)**

Foca común $1\frac{9}{10}$ m Foca de Baikal $1\frac{2}{5}$ m

Foca de Largha $\frac{9}{5}$ m Foca anillada $\frac{8}{5}$ m

1. Representa gráficamente las medidas de cada foca.

Foca común:

Foca de Largha:

Foca de Baikal:

Foca anillada:

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1. Entre estas especies, ¿cuál es la foca de menor tamaño?