

PROPIEDADES DE LAS POTENCIAS

1. Simplifica usando las propiedades de las potencias y calcula:

Aclaraciones:

- En la casilla verde del apartado a) pon el resultado simplificado de la fracción anterior.
- En la casilla naranja del apartado e) “da la vuelta a la fracción”.

a) $\left(\frac{5}{6}\right)^{-2} : \left(\frac{5}{12}\right)^{-2} = \left(\frac{\boxed{}}{\boxed{}} \boxed{} \frac{\boxed{}}{\boxed{}}\right)^{\boxed{}} = \left(\frac{\boxed{}}{\boxed{}}\right)^{\boxed{}} =$

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b) $8^5 : 2^6 = \left(\boxed{}^{\boxed{}}\right)^{\boxed{}} : \boxed{}^{\boxed{}} =$

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c) $\frac{7^{-8}}{(7^4)^{-2} \cdot 7^{-1}} = \frac{\boxed{}^{\boxed{}}}{\boxed{} \boxed{} \boxed{} \boxed{} \cdot \boxed{}^{\boxed{}}} =$

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$$d) 5^3 \cdot 2^3 \cdot 10^{-5} = (\boxed{}\boxed{}\boxed{})^{\boxed{}} \cdot \boxed{}^{\boxed{}} =$$

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$$e) \frac{\left(\frac{3}{5}\right)^4 \cdot \left(\frac{5}{3}\right)^{-2}}{\left(\frac{3}{5}\right)^8} = \frac{\left(\frac{3}{5}\right)^4 \cdot \left(\frac{\boxed{}}{\boxed{}}\right)^{\boxed{}}}{\left(\frac{3}{5}\right)^8} = \frac{\left(\frac{\boxed{}}{\boxed{}}\right)^{\boxed{}}\boxed{}\boxed{}}}{\left(\frac{\boxed{}}{\boxed{}}\right)^{\boxed{}}} =$$

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