

Nome: \_\_\_\_\_ nº: \_\_\_\_\_ T. \_\_\_\_\_ Data: \_\_\_\_\_

### 7.6.7a Potência de Produtos

1. Reduza a uma só potência:

a)  $(2^4 \cdot 3^8)^5$

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b)  $(p^3 \cdot q^5 \cdot r^7)^{21}$

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c)  $(5^2 \cdot 6^3 \cdot 7^4)^{12}$

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d)  $(13^6 \cdot 17^7)^3$

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e)  $(6^2 \cdot 7^6)^4$

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f)  $(15^8 \cdot 23^7 \cdot 19^6)^{13}$

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g)  $(m^5 \cdot n^6 \cdot p^9)^7$

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h)  $(9^4 \cdot 10^7)^{12}$

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i)  $(9^2 \cdot 8^8)^{14}$

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j)  $(12^5 \cdot 13^{12} \cdot 17^9)^{13}$

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k)  $(4^6 \cdot 5^7 \cdot 7^4)^9$

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l)  $(x^{14} \cdot y^{13})^{12}$

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l)  $(x^{14} \cdot y^{13})^{12}$

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