

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

6.3.10b Simplificação (mdc) e Mesmo Denominador (mmc)

1. Calcule o mdc das frações abaixo e simplifique-as:

a)  $\frac{8}{12}$

d)  $\frac{18}{30}$

g)  $\frac{26}{28}$

mdc(8, 12) = \_\_\_\_\_ mdc(18, 30) = \_\_\_\_\_ mdc(26, 28) = \_\_\_\_\_

b)  $\frac{15}{20}$

e)  $\frac{30}{60}$

h)  $\frac{64}{72}$

mdc(15, 20) = \_\_\_\_\_ mdc(30, 60) = \_\_\_\_\_ mdc(64, 72) = \_\_\_\_\_

c)  $\frac{22}{14}$

f)  $\frac{32}{48}$

i)  $\frac{48}{63}$

mdc(22, 14) = \_\_\_\_\_ mdc(32, 48) = \_\_\_\_\_ mdc(48, 63) = \_\_\_\_\_

2. Calcule o mmc das frações e reduza ao menor denominador comum:

a)  $\frac{5}{9}$  e  $\frac{6}{15}$  =

mmc(9, 15) = \_\_\_\_\_

b)  $\frac{3}{4}$  e  $\frac{7}{6}$  =

mmc(4, 6) = \_\_\_\_\_

c)  $\frac{11}{5}$  e  $\frac{9}{8}$  =

mmc(5, 8) = \_\_\_\_\_

d)  $\frac{3}{10}$  e  $\frac{5}{6}$  =

mmc(10, 6) = \_\_\_\_\_

e)  $\frac{8}{9}$  e  $\frac{8}{6}$  =

mmc(9, 6) = \_\_\_\_\_

f)  $\frac{6}{8}$  e  $\frac{11}{12}$  =

mmc(8, 12) = \_\_\_\_\_

g)  $\frac{4}{5}$  e  $\frac{6}{7}$  =

mmc(5, 7) = \_\_\_\_\_

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