

**NO106 Simplifications sauvages**

$$\text{a) } \frac{170}{340} = \frac{17 \cdot 10}{17 \cdot 20} = \frac{10}{20} = \frac{1}{2}$$

$$\text{b) } \frac{17 + 60}{17 + 51} \neq \frac{60}{51} = \frac{20}{17}$$

$$\text{c) } \frac{17 + 17}{17 + 17 + 17} = \frac{17 \cdot 2}{17 \cdot 3} = \frac{2}{3}$$

$$\text{d) } \frac{117}{217} \neq \frac{11}{21}$$

$$\text{e) } \frac{17^4}{17^2} = \frac{17^2 \cdot 17^2}{17^2} = 17^2$$

$$\text{f) } \frac{17 + 17 + 18}{17 + 18} \neq 17$$

$$\text{g) } \frac{17^2 + 17^3}{17^2} = \frac{17^2}{17^2} + \frac{17^3}{17^2} = 1 + 17 = 18$$