

1)

Maria.

$$1:40 = \frac{1}{40} = 0.025 = 2.5\%$$

Juan =

$$1:39 = \frac{1}{39} = 0.0256 = 2.56\%$$

c)

$$20:40 = \frac{20}{40} = 0.5 = 50\%$$

2)

A) 3 niños.

$$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{8} = 0.125 = 12.5\%$$

B)

$$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{8} = 0.125 = 12.5\%$$

4)

$$A) \frac{8}{30} \times \frac{13}{29} = \frac{104}{870} = 0.119 = 11.9\%$$

$$B) \frac{9}{17} \times \frac{8}{16} = \frac{72}{272} = 0.264 = 26.4\%$$