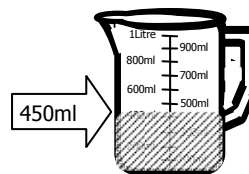


# Mix Ratios

Colour the amount of concentrated cleanser needed to mix in a pail with 10 Litres of hot water:



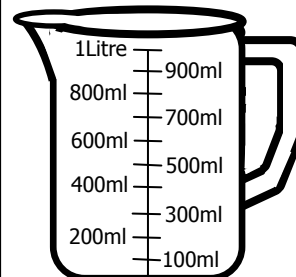
1



$1:64 = 1\text{L}:64\text{L} = 1/64$   
 $1 \div 64 = 0.0156$  or 1.56%  


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 $1\text{L} \times 10 = 10\text{L hot water}$   
 $0.0156\text{L} \times 10 = 0.156\text{L cleanser}$   
 or **156 millilitres** cleanser



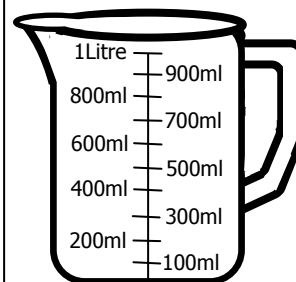
2



$1:100 = 1\text{L}:100\text{L} = 1/100$   
 $1 \div 100 = 0.01$  or 1%  


---

 $1\text{L} \times 10 = 10\text{L hot water}$   
 $0.01\text{L} \times 10 = 0.1\text{L cleanser}$   
 or **100 millilitres** cleanser



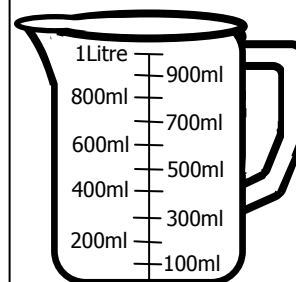
3



$1:32 = 1\text{L}:32\text{L} = 1/32$   
 $1 \div 32 = 0.03125$  or 3.125%  


---

 $1\text{L} \times 10 = 10\text{L hot water}$   
 $0.03125\text{L} \times 10 = 0.3125\text{L cleanser}$   
 or **312.5 millilitres** cleanser



4



$1:12 = 1\text{L}:12\text{L} = 1/12$   
 $1 \div 12 = 0.08333$  or 8.333%  


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 $1\text{L} \times 10 = 10\text{L hot water}$   
 $0.08333\text{L} \times 10 = 0.8333\text{L cleanser}$   
 or **833.3 millilitres** cleanser

