

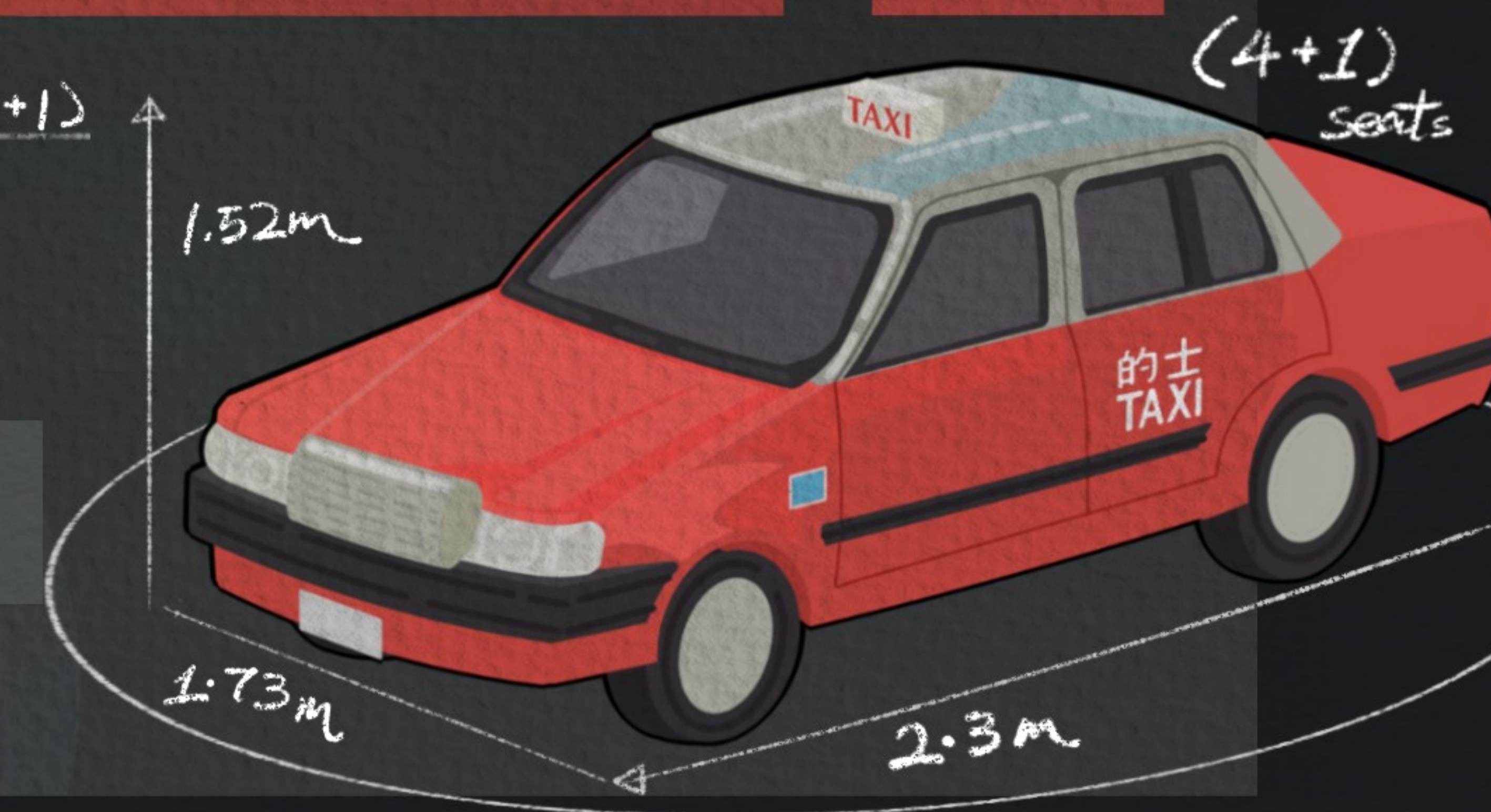
Passenger-Space Ratio of HK Public Transport

Passenger-Space Ratio = Length x Width / (Passenger + Driver)

Toyota Crown Comfort

$$(2.3 \times 1.73) \div (4+1) \\ = 0.8 \text{ m}^2/\text{people}$$

0.8 m²/ people



1.85 m²/ people or

Can accommodate 3480 people
with 8 cabins, 312 seats
length of 8 cabins = 180m

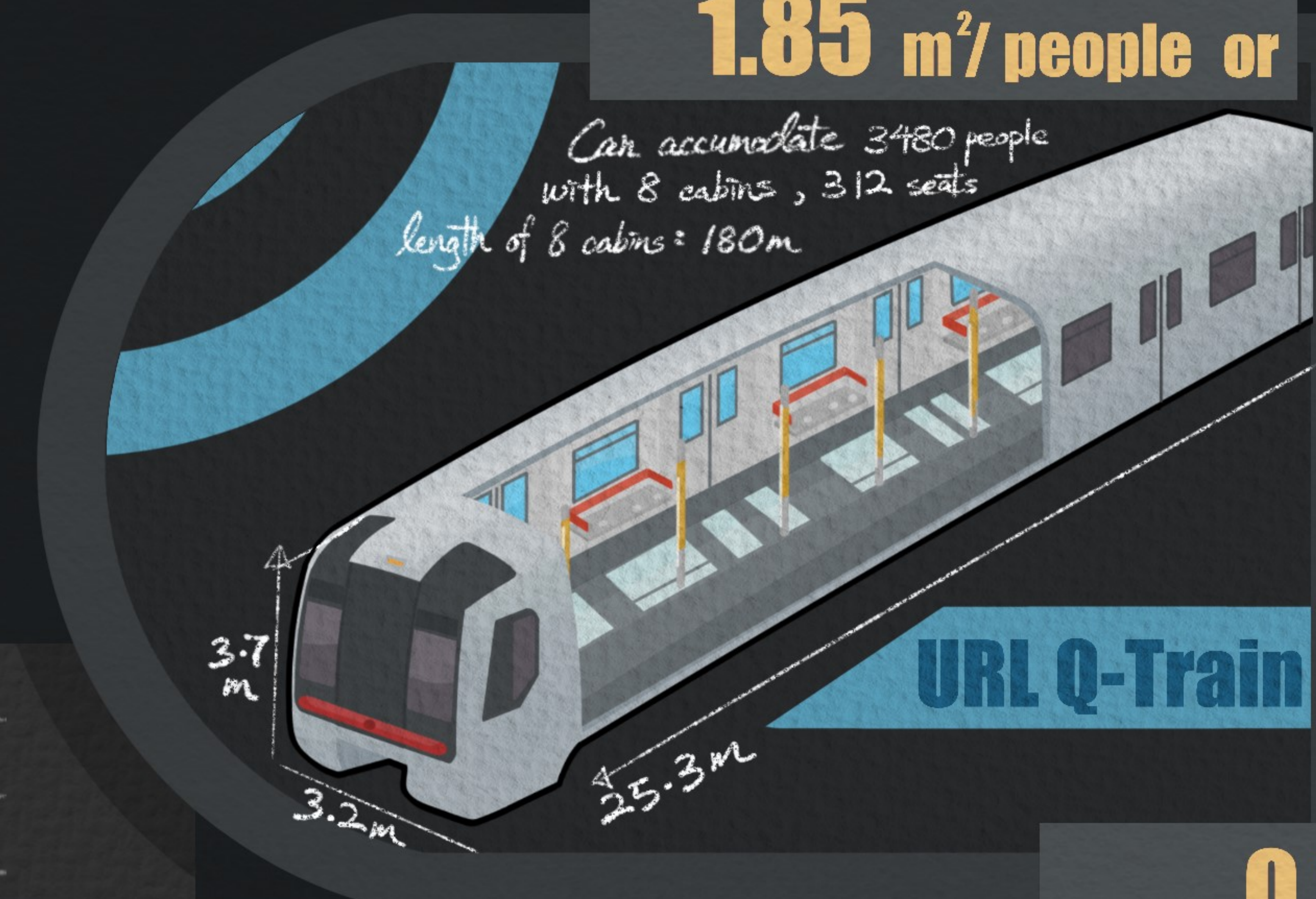
In normal circumstances :

$$(180 \times 3.2) \div 312 \\ = 1.85 \text{ m}^2/\text{people}$$

During crush load :

$$(180 \times 3.2) \div 3480 \\ = 0.17 \text{ m}^2/\text{people}$$

0.17 m²/ people



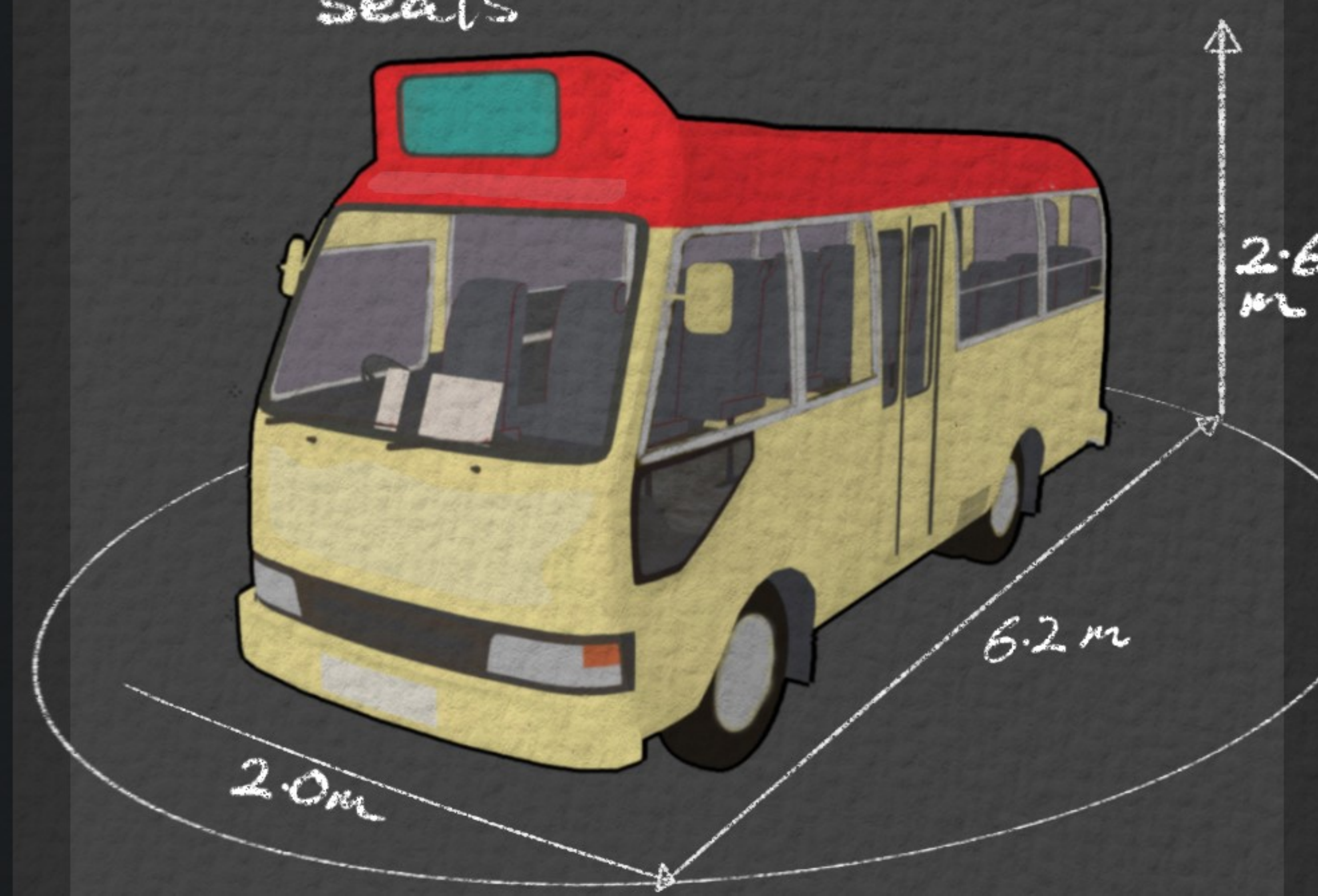
Roughwork :

$$(6.2 \times 2.0) \div (16+1) \\ = 0.73 \text{ m}^2/\text{people}$$

0.73 m²/ people

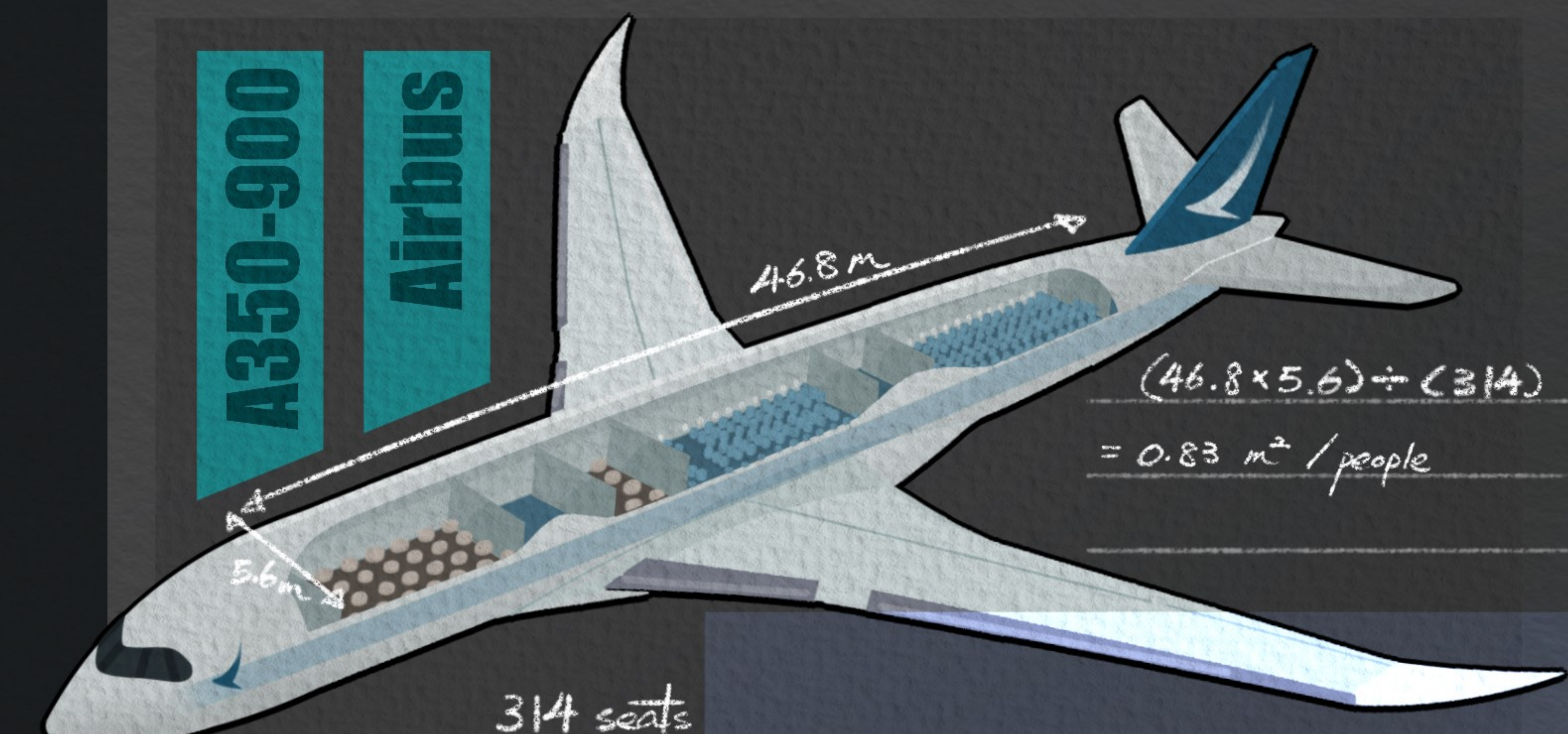
Toyota Coaster

(16+1)
seats



A350-900

Airbus



$$(46.8 \times 5.6) \div (314) \\ = 0.83 \text{ m}^2/\text{people}$$

0.83 m²/ people

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Dennis Trident

E500

upper floor : 63 seats
lower floor : (35+48+1) seats



For upper floor :

$$(2.55 \times 12.8) \div (63) \\ = 0.52 \text{ m}^2/\text{people}$$

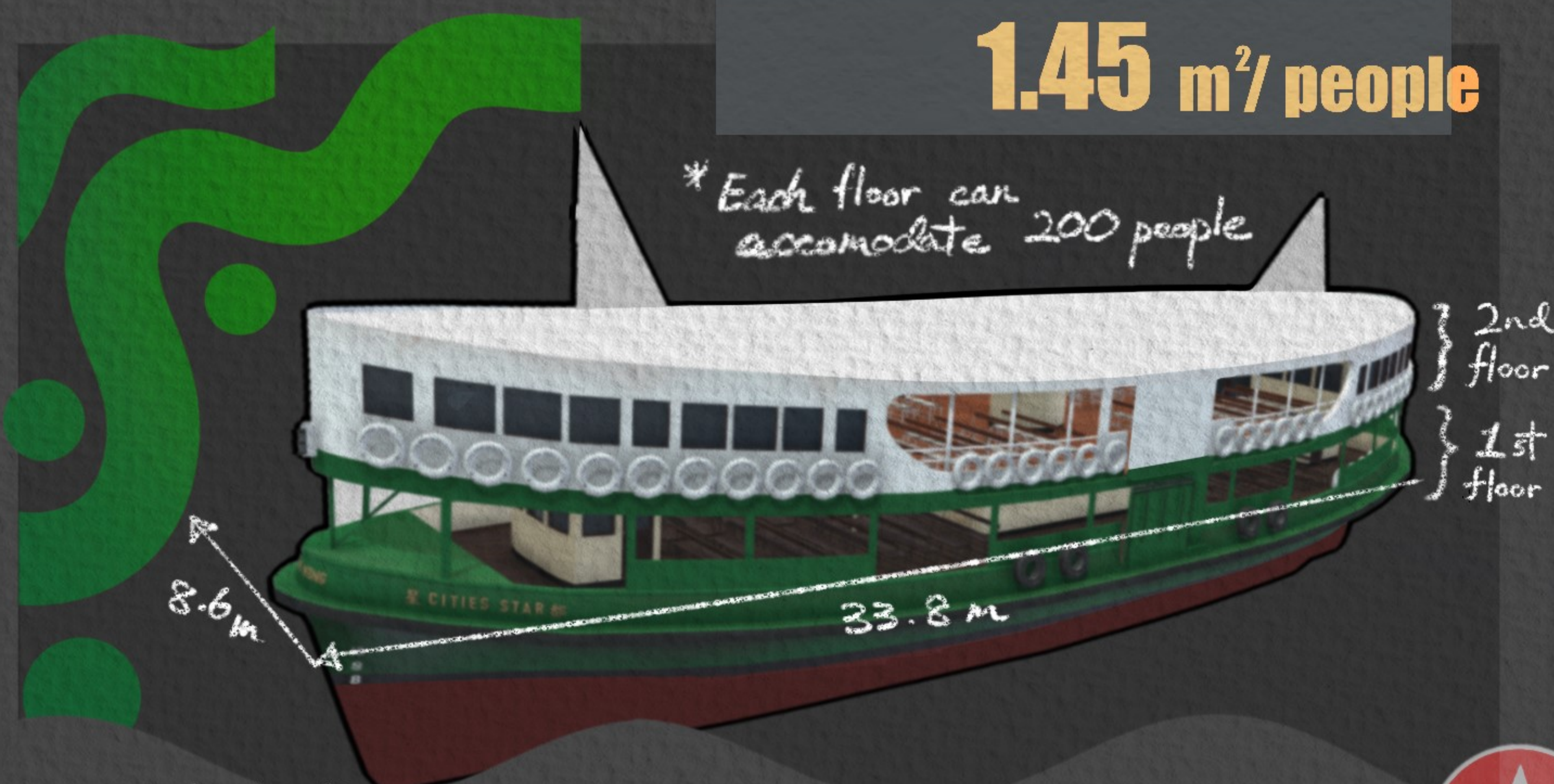
For lower floor :

$$(2.55 \times 12.8) \div (35+48+1) \\ = 0.39 \text{ m}^2/\text{people}$$

0.52 & 0.39 m²/ people

1.45 m²/ people

* Each floor can
accommodate 200 people



For both floors :

$$(33.8 \times 8.6) \div (200) \\ = 1.45 \text{ m}^2/\text{people}$$

