

Question	Answer	Mark	Mark scheme	Additional guidance
25	New York (supported)	<p>P1</p> <p>P1</p> <p>P1</p> <p>C1</p>	<p>for a conversion between kg and lbs, eg $2 \times 2.2 (= 4.4)$ or $5 \div 2.2 (= 2.27\dots)$</p> <p>for a conversion between pounds and US dollars, eg $3.75 \times 1.2(0) (= 4.50)$ or $4.9(0) \div 1.2(0) (= 4.08\dots)$</p> <p>for a process to find figures to compare, eg $3.75 \div "4.4" (= 0.85\dots)$ and $"4.08\dots" \div 5 (= 0.81(6\dots))$ or $"4.50" \div 2 (= 2.25)$ and $4.9(0) \div "2.27\dots" (= 2.15(6\dots))$ or $"4.4" \div 3.75 (= 1.17\dots)$ and $5 \div "4.08" (= 1.22\dots)$ or $2 \div "4.5" (= 0.44\dots)$ and $"2.27" \div 4.9(0) (= 0.46 \dots)$</p> <p>for New York with correct comparable figures, eg 0.85 and 0.81(6...) OR 2.25 and 2.15(6...)</p>	<p>See page at end of mark scheme</p> <p>£ per lb US dollars per kg lbs per £ kg per US dollar</p> <p>Condone the incorrect assignment of units for all 3 P marks</p> <p>Final comparable values can be truncated or rounded, they just need to be accurate enough to allow a comparison</p>

QUESTION 25 – Additional information - NOT Exhaustive

Final comparable values can be truncated or rounded and just need to be accurate enough to allow a comparison

<p><u>Cost per lb in \$:</u> $2 \times 2.2 (= 4.4)$ $3.75 \times 1.2(0) (= 4.5)$ $"4.5" \div "4.4" (= 1.02\dots)$ and $4.9(0) \div 5 (= 0.98)$ New York and 1.02... and 0.98</p>	<p><u>Cost per lb in £:</u> $2 \times 2.2 (= 4.4)$ $4.9(0) \div 1.2(0) (= 4.08\dots)$ $3.75 \div "4.4" (= 0.85\dots)$ and $"4.08\dots" \div 5 (= 0.81(6\dots))$ New York and 0.85... and 0.81(6...)</p>
<p><u>Cost per kg in \$:</u> $5 \div 2.2 (= 2.27\dots)$ $3.75 \times 1.2(0) (= 4.5)$ $"4.5" \div 2 (= 2.25)$ and $4.9(0) \div "2.27\dots" (= 2.15(6))$ New York and 2.25 and 2.15(6)</p>	<p><u>Cost per kg in £:</u> $5 \div 2.2 (= 2.27\dots)$ $4.9(0) \div 1.2(0) (= 4.08\dots)$ $3.75 \div 2 (= 1.87(5))$ and $"4.08\dots" \div "2.27\dots" (= 1.79(6\dots))$ New York and 1.87(5) and 1.79(6...)</p>
<p><u>Number of lbs per \$:</u> $2 \times 2.2 (= 4.4)$ $3.75 \times 1.2(0) (= 4.5)$ $"4.4" \div "4.5" (= 0.97(7\dots))$ and $5 \div 4.9(0) (= 1.02\dots)$ New York and 0.97(7...) and 1.02...</p>	<p><u>Number of lbs per £:</u> $2 \times 2.2 (= 4.4)$ $4.9(0) \div 1.2(0) (= 4.08\dots)$ $"4.4" \div 3.75 (= 1.17\dots)$ and $5 \div "4.08\dots" (= 1.22\dots)$ New York and 1.17... and 1.22...</p>
<p><u>Number of kg per \$:</u> $5 \div 2.2 (= 2.27\dots)$ $3.75 \times 1.2(0) (= 4.5)$ $2 \div "4.5" (= 0.44\dots)$ and $"2.27\dots" \div 4.9(0) (= 0.46\dots)$ New York and 0.44... and 0.46...</p>	<p><u>Number of kg per £:</u> $5 \div 2.2 (= 2.27\dots)$ $4.9(0) \div 1.2(0) (= 4.08\dots)$ $2 \div 3.75 (= 0.53\dots)$ and $"2.27\dots" \div "4.08\dots" (= 0.55(6\dots))$ New York and 0.53... and 0.55(6...)</p>
<p><u>Cost of 5 lb in \$:</u> $2 \times 2.2 (= 4.4)$ $3.75 \times 1.2(0) (= 4.5)$ $"4.5" \div "4.4" \times 5 (= 5.11\dots)$ New York and 5.11...</p>	<p><u>Cost of 5 lb in £:</u> $2 \times 2.2 (= 4.4)$ $4.9(0) \div 1.2(0) (= 4.08\dots)$ $3.75 \div "4.4" \times 5 (= 4.26\dots)$ New York and 4.08... and 4.26...</p>
<p><u>Cost of 2 kg in \$:</u> $5 \div 2.2 (= 2.27\dots)$ $3.75 \times 1.2(0) (= 4.5)$ $4.9(0) \div "2.27\dots" \times 2 (= 4.31\dots)$ New York and 4.5 and 4.31...</p>	<p><u>Cost of 2 kg in £:</u> $5 \div 2.2 (= 2.27\dots)$ $4.9(0) \div 1.2(0) (= 4.08\dots)$ $"4.08\dots" \div "2.27\dots" \times 2 (= 3.59\dots)$ New York and 3.59...</p>