

Answer Key: Conversions and Basis Points

Question 1

(a) $0.125 = \frac{1}{8} = 12.5\%$

(b) $0.203125 = \frac{13}{64} = 20.3125\%$

Question 2

(a) $\frac{7}{20} = 0.35 = 35\%$

(b) $\frac{33}{320} = 0.103125 = 10.3125\%$

Question 3

(a) $17.5\% = 0.175 = \frac{7}{40}$

(b) $57.8125\% = 0.578125 = \frac{37}{64}$

Question 4

(a) 1 basis point $= 0.0001 = \frac{1}{10000}$

(b) 175 basis points $= 0.0175 = \frac{7}{400}$

(c) $5.355\% = 0.05355 = \frac{1071}{20000}$

(d) Total cost $= \text{£}2606.50$

(e) Additional cost $= \text{£}130.50$