

Question 1

Find the value of each of the Following

a. $16^{1/4}$

b. $625^{-3/4}$

c. $2\sqrt{3} + 8\sqrt{18}$

d. $15\sqrt{6} + \sqrt{216}$

e. $\frac{10^{5/2}}{10^{3/2}}$

f. $5^{3/2} \times 7^{3/2}$

g. $\frac{\sqrt{162}}{\sqrt{2}}$

h. $\frac{(1+\sqrt{2})}{(1-\sqrt{2})}$

Solution