

Quiz 6, Math 372

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1) Simplify. If there is no solution, so indicate.

a) $(100)^{5/2}$

b) $(-27)^{2/3}$

c) $(64)^{-1/6}$

2) Rewrite with no root symbol and no fraction.

a) $\frac{1}{\sqrt[3]{x+5}}$

b) $(\sqrt{y^2 - 16})^5$

Ans

1a) 100000

1b) 9

1c) $1/2$

2a) $(x + 5)^{-1/3}$

2b) $(y^2 - 16)^{5/2}$