

1. Simplify.

a) $\sqrt{5} \cdot \sqrt{6}$

b) $\sqrt{64}$

c) $6\sqrt{40}$

d) $\sqrt{50} \cdot \sqrt{72}$

e) $\frac{\sqrt{200}}{\sqrt{2}}$

f) $\sqrt{\frac{14}{72}}$

g) $\sqrt{50x^{20}}$

h) $\sqrt[3]{192}$

i) $\sqrt[4]{243}$

j) $\sqrt[3]{125x^{15}}$

k) $\sqrt[3]{24x^4}$

Q: April says May is a liar. May says June is a liar. June says April and May are both liars. If only one person is telling the truth, who is it?