Changing Radical Forms to Exponent Forms and visa versa

2.1
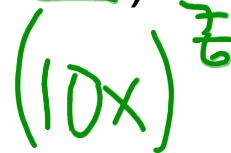
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$\sqrt{9x}$

Radicand

exponent

X^3

base

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1
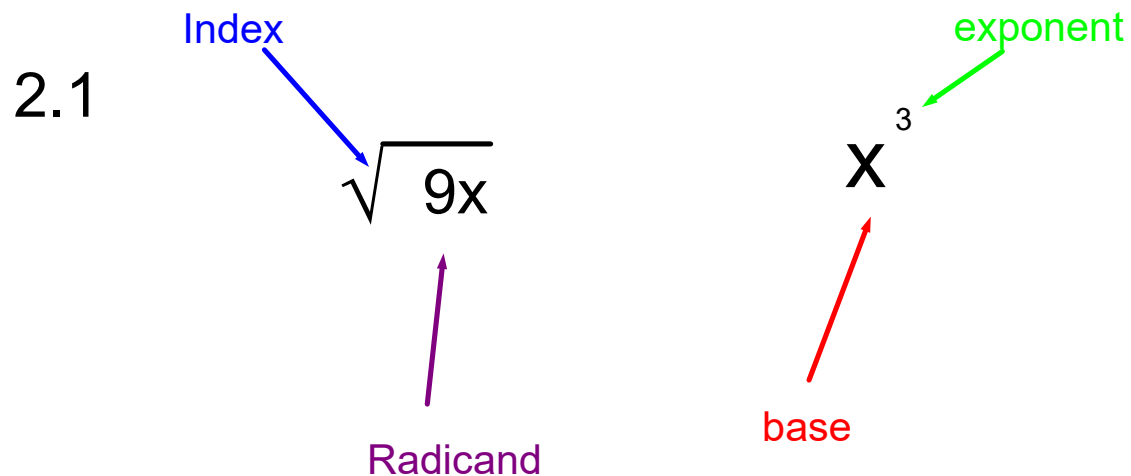
Rewrite each expression in exponential form

1. $\sqrt[3]{r}$

$r^{\frac{1}{3}}$

2. $(\sqrt[6]{10x})^7$

$(10x)^{\frac{7}{6}}$

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Rewrite each expression in radical form.

9. $x^{5/6}$

$$\sqrt[6]{x^5}$$

11. $(10m)^{5/2}$

$$\sqrt{(10m)^5}$$

19. $\boxed{V^2(v+4)}$

20. $(3p+2)(3p-2)$