## Methods to Solve a Proportion

- \* Use cross products
- \* Use equivalent ratios
- \* Simplify one of \* ratios first

What's the best method to use?

$$\frac{21}{25} = \frac{8}{n}$$

$$\frac{21}{21}$$
n =  $\frac{200}{21}$ 

$$n = 9.5238.$$

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What's the best method to use?

$$\frac{12}{18} = \frac{8}{n}$$

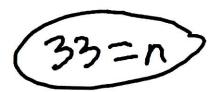
$$\frac{2^{x}}{3^{x}} = \frac{8}{n}$$

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$$\frac{11^{1/2}}{7_{1/3}} = \frac{n}{21}$$



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