Simplifying Fractions

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Factors of 18	Factors of 24
1	1
2	2
3	3
6	4
9	6
18	8
	12
	24

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$$\frac{18 \div 6}{24 \div 6} = \frac{3}{4}, \text{ so } \boxed{^{18}/_{24} \text{ simplified is } ^{3}/_{4}}.$$

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3	3
⑥	4
9	⑥
18	8
	12
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We often simplify fractions after multiplying or dividing them or before comparing two fractions.