

Simplest Form ~ Use the strategies below to determine if a fraction is in simplest form and how to simplify the fraction (if needed).

Simplifying Fractions

STRATEGY: *Check and Decide*

1. Are the numerator and denominator both even?

NO → Go to the next question.

YES → Divide both by 2 (may need to repeat).

2. Is the denominator a multiple of the numerator?

NO → Go to the next question.

YES → Divide both by the numerator.

3. Is the numerator half of the denominator?

NO → The fraction is in simplest form.

YES → Reduce the fraction $1/2$.

4. If the fraction a unit fraction, it's in simplest form.

$1/2$ $1/3$ $1/4$ $1/5$ $1/6$ $1/7$ $1/8$ $1/9$ $1/10$

5. If the numerator "one away" from the denominator, the fraction is in simplest form.

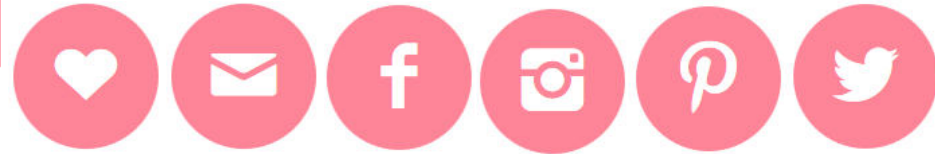
$1/2$ $2/3$ $3/4$ $5/6$ $6/7$ $7/8$ $8/9$ $10/11$ $11/12$

Need to Know...

- Even and odd numbers
- Multiples
- Recognize numbers that are half or doubles
- Definition of a unit fraction
- Reduce to lowest terms = simplifying a fraction
- When a number is "one away" from another

THANK YOU!

Connect with me!



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