

## Simplifying Fractions

### Greatest Common Factor (GCF)

The GCF is the \_\_\_\_\_ number that is a \_\_\_\_\_ of two (or more) other numbers

### Simplifying Fractions

Find their \_\_\_\_\_

Divide the numerator (\_\_\_\_\_) and the denominator (\_\_\_\_\_) by the GCF

### Examples:

| Fraction        | Factors                            | Divide                                                                                                                         | Simplest Form |
|-----------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------|
| $\frac{15}{20}$ | N: _____<br>D: _____<br>GCF: _____ | $15 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$<br>$20 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ | _____         |
| $\frac{4}{16}$  | N: _____<br>D: _____<br>GCF: _____ | $4 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$<br>$16 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$  | _____         |
| $\frac{9}{12}$  | N: _____<br>D: _____<br>GCF: _____ | $9 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$<br>$12 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$  | _____         |
| $\frac{6}{22}$  | N: _____<br>D: _____<br>GCF: _____ | $6 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$<br>$22 \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$  | _____         |