

Greatest Common Factor (A)

Name: _____

Date: _____

Use the prime factors of the numbers in each set to calculate the greatest common factor.

EX.

$$64 = (2) \times (2) \times (2) \times 2 \times 2 \times 2$$

$$(1) \quad 96$$

$$72 = (2) \times (2) \times (2) \times 3 \times 3$$

$$48$$

$$\text{GCF} = (2) \times (2) \times (2) = 8$$

$$(2) \quad 20$$

$$8$$

$$(3) \quad 36$$

$$90$$

$$(4) \quad 60$$

$$44$$

$$(5) \quad 12$$

$$56$$

$$(6) \quad 28$$

$$8$$

$$(7) \quad 90$$

$$9$$

$$(8) \quad 72$$

$$96$$

$$(9) \quad 72$$

$$66$$