

**GCF and Distributive Property**

A) Find the GCF. Rewrite each expression as the product of the GCF and a sum using the distributive property.

1)  $21 + 15$

2)  $13 + 78$

GCF = \_\_\_\_\_

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$21 + 15 =$  \_\_\_\_\_

$13 + 78 =$  \_\_\_\_\_

3)  $55 + 99$

GCF = \_\_\_\_\_

$55 + 99 =$  \_\_\_\_\_

B) Fill in the blanks

1)  $20 + 30 =$  \_\_\_\_\_

2)  $49 + 63 = 7$  \_\_\_\_\_

C) 1) How would you rewrite the expression  $20 + 80$  using the distributive property?

a)  $8(5 + 9)$

b)  $9(6 + 7)$

c)  $8(7 + 4)$

d)  $9(2 + 5)$

2) How do you rewrite the expression  $20 + 80$  using the GCF and distributive property?

a)  $20(3 + 1)$

b)  $16(7 + 3)$

c)  $20(1 + 4)$

d)  $16(1 + 2)$

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