

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) $45 + 10$

2) $33 + 55$

GCF = _____

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$45 + 10 =$ _____

$33 + 55 =$ _____

3) $36 + 18$

GCF = _____

$36 + 18 =$ _____

B) Fill in the blanks

1) $8 + 12 =$ _____

2) $48 + 64 = 16(\quad + \quad)$

C) 1) How do you use the distributive property to find the GCF and

a) $9(10 + 1)$

b) $10(9 + 1)$

c) $2(9 + 1)$

d) $11(1 + 6)$

2) Which of the following expresses $16 + 14$ as a product of the GCF and a sum of two whole numbers with no common factors?

a) $8(5 + 1)$

b) $9(2 + 5)$

c) $7(8 + 1)$

d) $2(8 + 7)$

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