Distributive Property
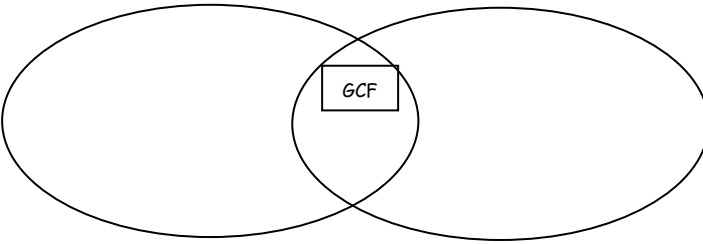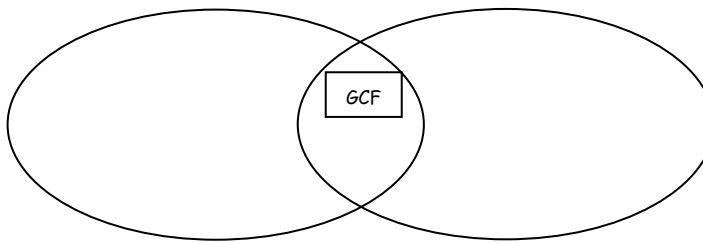
Name _____   Date _____

Addend_____   Expression
                      24 + 16

GCF

GCF =_____=_____

Application of Distributive Property- Factor out the GCF from the sum of two whole numbers to create an equivalent expression.

Addend_____   Expression
                      36 + 15   Addend_____

GCF
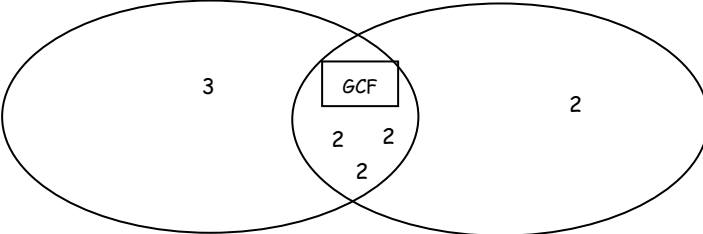
GCF =_____=_____

Application of Distributive Property- Factor out the GCF from the sum of two whole numbers to create an equivalent expression.

_____(+   )

Expression: 40 + 25	Expression: 42 + 12	Expression: 48 + 28	Expression: 54 + 36
Application of the Distributive Property. _____(+)	Application of the Distributive Property.	Application of the Distributive Property.	Application of the Distributive Property.
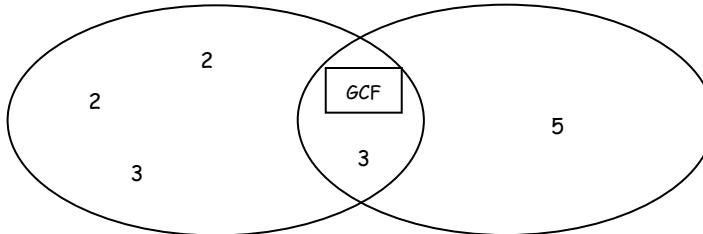
Distributive Property

Answer Key

Addend __24__	Expression 24 + 16	Addend __16__

2 * 2 * 2 * 3

3   GCF   2   2

2   2

2

2 * 2 * 2 * 2

GCF = _2 * 2 * 2_ = _8_

Application of Distributive Property- Factor out the GCF from the sum of two whole numbers to create an equivalent expression.

8(3 + 2)

Addend __36__	Expression 36 + 15	Addend __15__

2 * 2 * 3 * 3

2   2   GCF   5

3   3

5 * 3

GCF = _3_ = _3_

Application of Distributive Property- Factor out the GCF from the sum of two whole numbers to create an equivalent expression.

3(12 + 5)

Expression: 40 + 25	Expression: 42 + 12	Expression: 48 + 28	Expression: 54 + 36
40 = 2 * 2 * 2 * 5 25 = 5 * 5 GCF = 5	42 = 2 * 3 * 7 12 = 2 * 2 * 3 GCF = 2 * 3 = 6	48 = 2 * 2 * 2 * 2 * 3 28 = 2 * 2 * 7 GCF = 2 * 2	54 = 2 * 3 * 3 * 3 36 = 2 * 2 * 3 * 3 GCF = 2 * 3 * 3
Application of the Distributive Property. 5(8 + 5)	Application of the Distributive Property. 6(7 + 2)	Application of the Distributive Property. 4(12 + 7)	Application of the Distributive Property. 18(3 + 2)