

$$x + x + x + y + y$$

$$3x + 2y$$

$$3x^3 + 7x^3 + 4x^2$$

$$10x^3 + 4x^2$$

$$2(x + 5) = 2 \cdot x + 2 \cdot 5$$

$$= 2x + 10$$

$$2(x + 5) + 3(7 + x)$$

$$2x + 10 + 21 + 3x$$

$$\boxed{5x + 31}$$

Commutative Prop. of Multiplication:

$$9 \cdot a = a \cdot 9$$

Associative Prop. of Addition:

$$(6 + 3) + 8 = 6 + (3 + 8)$$

Associative Prop. of Multiplication:

$$(3 \cdot 2) \cdot 8 = 3(2 \cdot 8)$$

Commutative Prop. of Addition:

$$a + b = b + a$$

$$2(2 \oplus 3) \cdot 52 \cdot 0 = 2(3 \oplus 2) \cdot 52 \cdot 0$$

Commutative prop. of addition



Identity Prop. of Addition:

$$3 + 0 = 3$$

Identity Prop. of Multiplication:

$$4 \cdot 1 = 4$$

Multiplicative Prop. of Zero:

$$5 \cdot 0 = 0$$