

Multiplying by Powers of 10

Decimal moves to the
LEFT for EACH
Decimal Place

$$5.26 \times 0.1 = 0.526$$

$$5.26 \times 0.01 = 0.0526$$

$$5.26 \times 0.001 = 0.00526$$

Product is SMALLER
than the Multiplicand

Dividing by Powers of 10

Decimal moves to the
RIGHT for EACH
Decimal Place

$$5.26 \div 0.1 = 52.6$$

$$5.26 \div 0.01 = 526.$$

$$5.26 \div 0.001 = 5260.$$

Product is BIGGER than
the Multiplicand