

Ohm's Law and DC Circuit Training Templates

For Training Sheets and Worksheet Tablets

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_T = \text{---} \Omega$ $P_T = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
1 - Series Resistor - DC

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Item # T2010-OL1SR-DC

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_T = \text{---} \Omega$ $P_T = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
2 - Parallel Resistors - DC

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Item # T2010-OL2PR-DC

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_T = \text{---} \Omega$ $P_T = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
2 - Series Resistors - DC

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Item # T2010-OL2SR-DC

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_T = \text{---} \Omega$ $P_T = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
3 - Parallel Resistors - DC

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Item # T2010-OL3PR-DC

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_T = \text{---} \Omega$ $P_T = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
3 - Series Resistors - DC

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Item # T2010-OL3SR-DC

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_T = \text{---} \Omega$ $P_T = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$
 $E_{R4} = \text{---} V$ $I_{R4} = \text{---} A$ $R_4 = \text{---} \Omega$ $P_{R4} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
4 Parallel Resistors - DC

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Item # T2010-OL4PR-DC



Ohm's Law and DC Circuit Training Templates

For Training Sheets and Worksheet Tablets

$E_s = \text{---} V$ $I_1 = \text{---} A$ $R_1 = \text{---} \Omega$ $P_1 = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
1 Series - 2 Parallel Resistors - DC

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Item # T2010-OL1SR-2PR-DC

$E_s = \text{---} V$ $I_1 = \text{---} A$ $R_1 = \text{---} \Omega$ $P_1 = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$
 $E_{R4} = \text{---} V$ $I_{R4} = \text{---} A$ $R_4 = \text{---} \Omega$ $P_{R4} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
1 Series - 3 Parallel Resistors - DC

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Item # T2010-OL1SR-3PR-DC

$E_s = \text{---} V$ $I_1 = \text{---} A$ $R_1 = \text{---} \Omega$ $P_1 = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$
 $E_{R4} = \text{---} V$ $I_{R4} = \text{---} A$ $R_4 = \text{---} \Omega$ $P_{R4} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
2 Series - 2 Parallel Resistors - DC

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Item # T2010-OL2SR-2PR-DC

$E_s = \text{---} V$ $I_1 = \text{---} A$ $R_1 = \text{---} \Omega$ $P_1 = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$
 $E_{R4} = \text{---} V$ $I_{R4} = \text{---} A$ $R_4 = \text{---} \Omega$ $P_{R4} = \text{---} W$
 $E_{R5} = \text{---} V$ $I_{R5} = \text{---} A$ $R_5 = \text{---} \Omega$ $P_{R5} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
2 Series - 3 Parallel Resistors - DC

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Item # T2010-L2SR-3PR-DC



Ohm's Law and AC Circuit Training Templates

For Training Sheets and Worksheet Tablets

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_t = \text{---} \Omega$ $P_t = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
1 - Series Resistor - AC

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Item # T2010-OL1SR-AC

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_t = \text{---} \Omega$ $P_t = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
2 - Parallel Resistors - AC

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Item # T2010-OL2PR-AC

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_t = \text{---} \Omega$ $P_t = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
2 - Series Resistors - AC

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Item # T2010-OL2SR-AC

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_t = \text{---} \Omega$ $P_t = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
3 - Parallel Resistors - AC

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Item # T2010-OL3PR-AC

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_t = \text{---} \Omega$ $P_t = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
3 - Series Resistors - AC

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Item # T2010-OL3SR-AC

$E_s = \text{---} V$ $I_t = \text{---} A$ $R_t = \text{---} \Omega$ $P_t = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$
 $E_{R4} = \text{---} V$ $I_{R4} = \text{---} A$ $R_4 = \text{---} \Omega$ $P_{R4} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
4 Parallel Resistors - AC

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Item # T2010-OL4PR-AC



Ohm's Law and AC Circuit Training Templates

For Training Sheets and Worksheet Tablets

$E_s = \text{---} V$ $I_1 = \text{---} A$ $R_1 = \text{---} \Omega$ $P_1 = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
1 Series - 2 Parallel Resistors - AC

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Item # T2010-OL1SR-2PR-AC

$E_s = \text{---} V$ $I_1 = \text{---} A$ $R_1 = \text{---} \Omega$ $P_1 = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$
 $E_{R4} = \text{---} V$ $I_{R4} = \text{---} A$ $R_4 = \text{---} \Omega$ $P_{R4} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
1 Series - 3 Parallel Resistors - AC

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Item # T2010-OL1SR-3PR-AC

$E_s = \text{---} V$ $I_1 = \text{---} A$ $R_1 = \text{---} \Omega$ $P_1 = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$
 $E_{R4} = \text{---} V$ $I_{R4} = \text{---} A$ $R_4 = \text{---} \Omega$ $P_{R4} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
2 Series - 2 Parallel Resistors - AC

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Item # T2010-OL2SR-2PR-AC

$E_s = \text{---} V$ $I_1 = \text{---} A$ $R_1 = \text{---} \Omega$ $P_1 = \text{---} W$
 $E_{R1} = \text{---} V$ $I_{R1} = \text{---} A$ $R_1 = \text{---} \Omega$ $P_{R1} = \text{---} W$
 $E_{R2} = \text{---} V$ $I_{R2} = \text{---} A$ $R_2 = \text{---} \Omega$ $P_{R2} = \text{---} W$
 $E_{R3} = \text{---} V$ $I_{R3} = \text{---} A$ $R_3 = \text{---} \Omega$ $P_{R3} = \text{---} W$
 $E_{R4} = \text{---} V$ $I_{R4} = \text{---} A$ $R_4 = \text{---} \Omega$ $P_{R4} = \text{---} W$
 $E_{R5} = \text{---} V$ $I_{R5} = \text{---} A$ $R_5 = \text{---} \Omega$ $P_{R5} = \text{---} W$

$\frac{E}{I} = R$

$\frac{P}{E} = I$

$P = I \times R$
 $P = \frac{E^2}{R}$

Ohm's Law
2 Series - 3 Parallel Resistors - AC

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Item # T2010-OL2SR-3PR-AC

