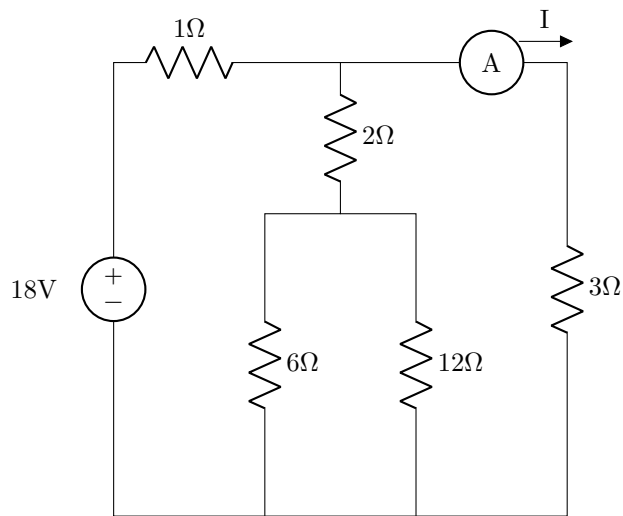1. Analyze the following circuit:

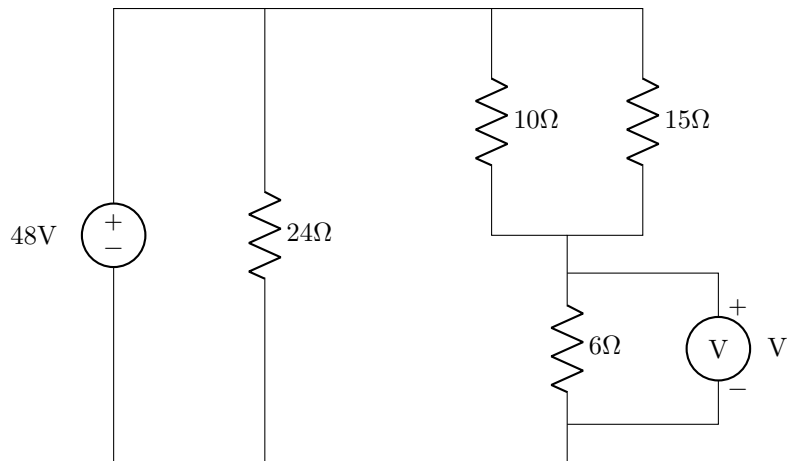(a) What does the ideal anmeter read?   I =

(b) What power is consumed by the 12Ω resistor? P_{12} =

(c) If you want to protect the 18V source from abnormal circuit conditions, suggest a rated value for a fuse to be placed in series with the source.   fuse =
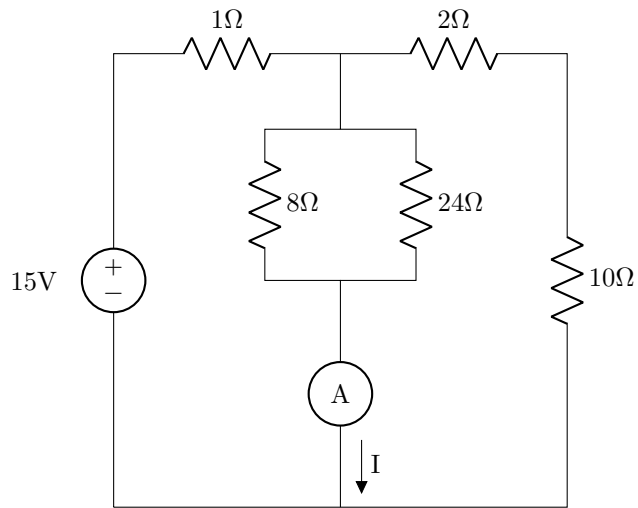
2. Analyze the following circuit:

(a) Find the power absorbed by the 10Ω resistor.

$$P_{10} = \boxed{}$$

(b) What does the ideal voltmeter read?

$$V = \boxed{}$$

3. Analyze the following circuit:

(a) Find the power absorbed by the 10Ω resistor.

$$P_{10} =$$

(b) What does the ideal anmeter read?

$$I =$$

(c) Suggest a fuse rating to protect the 15V source.

$$I =$$