

Displacement Reactions Activity Teacher Guidance

Expected Results

	Aluminium	Copper	Magnesium	Iron
Aluminium sulfate		No	Yes	No
Copper sulfate	Yes		Yes	Yes
Magnesium sulfate	No	No		No
Iron sulfate	Yes	No	Yes	

1. Magnesium ↑ most reactive
 Aluminium
 Iron
 Copper ↓ least reactive

2. Any three from:

Aluminium + Copper Sulfate → Copper + Aluminium Sulfate

Aluminium + Iron Sulfate → Iron + Aluminium Sulfate

Magnesium + Copper Sulfate → Copper + Magnesium Sulfate

Magnesium + Aluminium Sulfate → Aluminium + Magnesium Sulfate

Magnesium + Iron Sulfate → Iron + Magnesium Sulfate

Iron + Copper Sulphate → Copper + Iron Sulphate

