**Logo, icon

Description automatically generatedFX Library Modules**

**Complex Number Calculations**

**(Rectangular)**

Age 15+

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**Question**

Simplify <EFOFEX>
id:fxe{7ade4bde-49f8-40c9-a9e6-51b10b6912ae}
FXGP:DP-AgEnnae
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{993a35c4-e759-47d2-acdf-40b97069ba92}
FXGP:DP-AgEnnae
FXData:

</EFOFEX>

**Notes**

11 variations

**Question**

Simplify <EFOFEX>
id:fxe{fb3fde99-f6c1-406e-8448-4b56226fc420}
FXGP:DP-H4jRXhx
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{e6d633b4-9487-44c8-b31e-4cd07b28e08a}
FXGP:DP-H4jRXhx
FXData:

</EFOFEX>

**Notes**

11 variations

**Question**

Simplify <EFOFEX>
id:fxe{6808e635-65ad-4f0a-9902-6e35c7672662}
FXGP:DP-3RExyuA
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{3747a803-136b-4d7d-8544-804e3f9629d7}
FXGP:DP-3RExyuA
FXData:

</EFOFEX>

**Notes**

24 variations

**Question**

Simplify <EFOFEX>
id:fxe{ea718fef-e5d4-416d-805d-66bf15f6f999}
FXGP:DP-53FYjX6
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{2313e789-e703-4715-b9e0-d9275d6e39cc}
FXGP:DP-53FYjX6
FXData:

</EFOFEX>

**Notes**

90+ variations

**Question**

<EFOFEX>
id:fxe{88fc0084-7579-46c4-8f0f-93c9e87a6d3b}
FXGP:DP-cjdykBP
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{f5be5f1b-97bd-47f5-bc3a-1b772afd40bc}
FXGP:DP-cjdykBP
FXData:

</EFOFEX>

**Notes**

2000+ variations

**Question**

<EFOFEX>
id:fxe{af9afa86-7634-4503-baea-894352c3fd38}
FXGP:DP-nxy63L7
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{0d09788b-c4f8-47e4-a0f3-f143f8bec474}
FXGP:DP-nxy63L7
FXData:

</EFOFEX>

**Notes**

2000+ variations

**Question**

<EFOFEX>
id:fxe{f6eaedb1-9338-49c7-a4e6-e8065d4e9482}
FXGP:DP-ZR7EFhJ
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{e3d76b90-3694-4260-b9e6-f89eba35475d}
FXGP:DP-ZR7EFhJ
FXData:

</EFOFEX>

**Notes**

2000+ variations

**Question**

<EFOFEX>
id:fxe{8a3f406f-dc62-4f0e-b51c-1e3f3e04ae8a}
FXGP:DP-GawZfSf
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{b03af8d5-c418-4c35-8792-cf7a198aa0b1}
FXGP:DP-GawZfSf
FXData:

</EFOFEX>

**Notes**

2000+ variations

**Question**

Simplify the following giving the final answer in the form *a + bi*

<EFOFEX>
id:fxe{01c52d85-18f4-48d8-88dd-5cfcaf0a2e7c}
FXGP:DP-PhKwunE
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{7f242826-1797-438e-9d4d-169295a68320}
FXGP:DP-PhKwunE
FXData:

</EFOFEX>

**Notes**

50+ variations

**Question**

Simplify the following giving the final answer in the form *a + bi*

<EFOFEX>
id:fxe{e9a4353c-c565-48cd-9d83-0fd8636965a3}
FXGP:DP-qb8WD8L
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{187d6881-d27e-44d5-95c5-75dfbf14cfb0}
FXGP:DP-qb8WD8L
FXData:

</EFOFEX>

**Notes**

300+ variations

**Question**

Simplify the following giving the final answer in the form *a + bi*

<EFOFEX>
id:fxe{56c10a24-6070-4e04-b81c-ce1817c588a0}
FXGP:DP-WyV23c6
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{6529cde7-bf2c-4d59-a111-9807e1bee134}
FXGP:DP-WyV23c6
FXData:

</EFOFEX>

**Notes**

150+ variations

**Question**

Simplify the following giving the final answer in the form *a + bi*

<EFOFEX>
id:fxe{3f13647b-2288-4543-a3f4-e5eec2624163}
FXGP:DP-gfKCmKM
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{7828d96a-b234-4c39-9799-3979fa2a0590}
FXGP:DP-gfKCmKM
FXData:

</EFOFEX>

**Notes**

300+ variations

**Question**

Find the value of x and the value of y in the following equation (x and y are both reals).

<EFOFEX>
id:fxe{e3a9fe77-71bc-4ddd-976b-7c9287b8edb0}
FXGP:DP-vmqmWKY
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{de00054f-1193-4845-af73-72243a001aa1}
FXGP:DP-vmqmWKY
FXData:

</EFOFEX> OR <EFOFEX>
id:fxe{f31f0a08-e83b-4280-b7ed-e4f715b1a6b2}
FXGP:DP-vmqmWKY
FXData:

</EFOFEX>

**Notes**

3000+ variations

**Question**

Find the value of x and the value of y in the following equation (x and y are both reals).

<EFOFEX>
id:fxe{bef65aeb-c958-49de-985f-ed103e73c3e1}
FXGP:DP-eb4Vpsh
FXData:

</EFOFEX>

**Solution**

<EFOFEX>
id:fxe{8c3ef8f3-51ed-4fce-8494-a639e8958eb9}
FXGP:DP-eb4Vpsh
FXData:

</EFOFEX>

**Notes**

150+ variations