

Powers of i**Part - A**

Simplify.

1) i^{73}

2) i^{259}

3) i^{24}

4) i^{16}

5) i^{543}

6) i^9

7) i^{834}

8) i^{55}

9) i^{910}

12) i^{618}

Simplify.

1) $i^{486} + i^{29} + i^7 +$

$(i^{246} + i^{42})(i^{32} + i^{793})$

4) $(i^8)(i^{675})$

5) $i^{51}(i^{48} - i^{581} - i^{12})$

6) $i^{66} - i^{119}$

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Powers of i**Part - A**

Simplify.

1) i^{73}

i

2) i^{259}

-i

3) i^{24}

1

4) i^{16}

1

5) i^{543}

-i

6) i^9

7) i^{834}

8) i^{55}

-i

9) i^{910}

-1

12) i^{618}

-1

Simplify.

1) $i^{486} + i^{29} + i^7 +$

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$(i^{246} + i^{42})(i^{32} + i^{793})$

-2 - 2i

4) $(i^8)(i^{675})$

-i

5) $i^{51}(i^{48} - i^{581} - i^{12})$

-1

6) $i^{66} - i^{119}$

-1 + i