Powers of i

Use the digits 1-9, at most one time each, to fill in the boxes to create four true statements involving powers of i.

$$i^{\boxed{}\boxed{}} = 1$$

$$i^{\boxed{}\boxed{}} = i$$

$$i^{\boxed{}\boxed{}} = -1$$

$$i^{\boxed{}\boxed{}\boxed{}} = -i$$

1	2	3
4	5	6
7	8	9

1	2	3
4	5	6
7	8	9

1	2	3
4	5	6
7	8	9

1	2	3
4	5	6
7	8	9

1	2	3
4	5	6
7	8	9

1	2	3
4	5	6
7	8	9