

## Lektionsplanering och övningsuppgifter

**Lektion 1:** Talområden. Olikheter. Belopp. Konjugatregeln. Kvadratkomplettering.

- **MS:** 1001–1004, 1008, 1019, 1022, 1038–1047, 1061–1066, 1069, 1082, 1084, 1087, 1089, 1090.
- **A(P.1):** 7, 9, 13, 19, 21, 25, 27, 29, 33, 37, 41.
- **MS:** 2002, 2009, 2010, 2011, 2029, 2033–2036, 2044, 2045, 2046, 2047, 2050, 2051, 2053, 2055–2057, 3026–3029, 3032, 3034, 3036, 3037.

**Lektion 2:** Induktion.

- **K:**

**Lektion 3:** Kombinatorik.

- **MS:** 1015–1018, 1091–1098.
- **K:**

**Lektion 4:** Koordinatsystem, avståndsformel. Linjen och andragradskurvor.

- **MS:** 2073–2075, 4001–4003, 4007–4011, 4016, 4022–4025, 4028, 4031, 4035, 4037, 4038, 4040–4042, 4044, 4046.
- **A (P.2):** 7, 9, 11, 13, 19, 21, 23, 27, 31, 33.
- **A (P.3):** 1, 2, 3, 5, 7, 11, 17, 43, 45, 47, 49.

**Lektion 5:** Funktionsbegreppet. Trigonometri.

- **A(P.4):** 1, 3, 5, 7, 39, 41, 43.
- **MS:** 5003, 5006, 5010, 5013, 5017, 5018.
- **A(P.7):** 1, 3, 5, 7, 9, 13, 15, 17, 23.

**Lektion 6:** Komplexa tal.

- **A (appendix 1):** 34, 35, 36, 37, 25, 26, 27, 41, 42, 43, 1, 2, 5, 7, 9, 13, 15, 18.
- **A (appendix 1):** 20, 23, 28, 29, 31, 48, 49, 51, 53, 55.
- **K:**

**Lektion 7:** Polynom och polynomdivision. Faktorisering.

- **A (P.6):** 1, 7, 9, 11, 13, 15.
- **K:**

**Lektion 8:** Logaritmer och exponentialer samt ekvationer involverande dessa.

- **MS:** 6001–6003, 6006, 6011,–6014, 6016, 6023, 6024, 6027–6029, 6046, 6049–6051, 6052, 6053, 6056, 6058–6065, 6069, 6078–6080.
- **A (3.2):** 1, 3, 5, 9, 17.
- **A (3.3):** 1, 3, 5, 7, 11, 13.