**Book: Kenneth Rosen, Elementary Number Theory and Its Applications, 5th ed**.

**1.1**: 1, 3, 4, 5, 6, 7, 8, 11, 12, 18, 21, 22, 23

**1.2**: 1, 2, 3, 4, 16, 17, 18, 21, 23, 24

**1.3**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 20, 21, 26, 27, 29, 30, 31

**1.4**: 1, 3, 4, 6, 7, 11, 18, 19, 28

**1.5**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 21, 22, 23, 24, 25, 26, 28, 29, 30, 33, 34, 35

**2.1**: 1, 2, 5, 6, 9, 10

**3.1**: 1, 2, 3, 4, 5, 6, 7, 8, 12, 14, 15, 16, 17, 20, 21, 22

**3.2**: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 16, 17

**3.3**: 1 🡪 25

**3.4**: 1, 2, 3, 4, 5, 9

**3.5**: 1 🡪 7, 10, 11, 12, 13, 14, 30 🡪 34, 36 🡪 42, 44, 45, 52, 53, 60, 62, 68

**3.6**: 1, 4

**3.7**: 1, 2, 3, 4, 5, 10, 15

**4.1**: 1 🡪 10, 17 🡪 25, 33, 34

**4.2**: 1, 2, 6, 8, 9, 10 🡪 15, 18

**4.3**: 1 🡪7, 10, 11, 12, 15, 16, 18, 19, 20, 30

**4.5**: 1, 2

**6.1**: 1 🡪 13, 15 🡪 25, 39

**6.2**: 1, 2, 4, 5, 7, 8

**6.3**: 1 🡪 11, 15, 16, 17

**7.1**: 1 🡪 8, 15, 16, 18, 20, 21, 22, 43 🡪 52

**7.2**: 1 🡪 6, 8, 9, 10, 11, 20 🡪 23

**7.3**: 1, 2, 3, 4, 5, 7, 10, 11, 14 🡪 20, 22, 25, 26, 29, 30

**7.4**: 1, 2, 3, 5, 11, 16

**13.1**: 1 🡪 8, 11, 12, 13

**13.2**: 1, 2, 3, 4, 8, 10, 13, 14, 16, 19, 20