Selected answers for the Spring 2005 Final Examination

1.
$$\frac{1}{15} + \frac{1}{60}$$
, $\frac{1}{18} + \frac{1}{36}$, $\frac{1}{16} + \frac{1}{48}$.

- 2. See history06b.pdf.
- **3.** (i) and (iv) are arithmetic progressions, but the others are not.
- 4. See cubic-example.pdf.
- 5. B B A A B D.
- 6. E G F/H A J C.