

## Supplements for Math 260S Lab Hour

### Long division of polynomials:

1. Divide:

$$(x^2 - 8x + 12) \div (x - 2)$$

2. Divide:

$$(t^2 - 10t - 20) \div (t - 5)$$

3. Divide:

$$\frac{a^2 - 21}{a - 5}$$

4. Divide:

$$\frac{3x^2 - 7x + 1}{3x - 1}$$

5. Divide  $2t^3 - 9t^2 + 11t - 3$  by  $2t - 3$

6. Divide  $a^3 + 9a^2 - 5$  by  $a^2 - 1$

7. Divide  $x + 6x^4 - 4 - 3x^2$  by  $1 + 2x^2$