

# 1 Math101 facit til 1. gang

1.1 Svarene er:

$$\frac{14}{7}, \quad \frac{1}{7}, \quad \frac{10}{7}, \quad \frac{-3}{7}.$$

1.2 Svarene er:

$$9, \quad -1, \quad 8, \quad 25, \quad \frac{1}{4}.$$

1.3 Svarene er:

$$0, \quad 3, \quad \frac{1}{6}, \quad 2.$$

1.4 Svarene er:

$$2 - 2x, \quad 8x^2 + y^2 + xy.$$

1.5 Svarene er:

$$-\frac{2}{3}, \quad \frac{3}{2}, \quad \frac{5}{12}, \quad \frac{15}{8}, \quad 6.$$

1.6 Svarene er:

$$\frac{27}{8}, \quad \frac{1}{8}, \quad 1, \quad 2.$$

1.7 Svarene er:

$$x - 2, \quad x - 1, \quad \frac{2x}{x + 3}.$$

1.8 Svarene er:

$$\sqrt{2}, \quad \sqrt{2}, \quad \frac{\sqrt{2}}{2}, \quad \sqrt{2}.$$

1.9 Svarene er:

$$\frac{3}{5}, \quad \frac{3}{10}.$$

1.10 Svarene er:

$$xy, \quad x^{-3}, \quad 9x^5.$$

1.11 Svarene er:

$$x^{\frac{3}{2}}, \quad x^{\frac{5}{2}}, \quad x^{-\frac{3}{2}}, \quad x^{\frac{7}{3}}.$$