

Maths Review for Math 132 Students

1. Write the following as improper fractions:

$$2 \frac{1}{2}$$

$$3 \frac{3}{4}$$

$$5 \frac{3}{7}$$

2. Write the following as a whole number and a proper fraction:

$$\frac{5}{2}$$

$$\frac{7}{3}$$

$$\frac{29}{5}$$

3. Convert the following base-2 numbers to base-10:

101

1101101

4. Convert the following base-10 numbers to base-2:

42

99

4. Calculate the following:

$$3 \times 4 - 2$$

$$3 \times (4-2)$$

$$3 \times 5 / 6 + 5 \times 2 - 9$$