

Review Arithmetic

MGF 1107

HW examples

1. Simplify the following square roots:

a) $\sqrt{45}$ b) $\sqrt{200}$ c) $\sqrt{135}$ d) $\sqrt{27} - \sqrt{75}$ e) $8\sqrt{18} + 2\sqrt{32}$

2. Express the following number as a decimal:

a) 6.92×10^{-2} b) 2.85×10^{-6}

3. Convert the numeral as a number in base ten:

a) 14_{five} b) 71_{eight} c) 1110_{two} d) 26612_{eight}

4. Convert the base ten numeral to a number in base four:

a) 107

4. Convert the base ten numeral to a number in base five:

a) 48

5. Use division to convert the base ten numeral 20 to base 2: