

Tarea 2

$$1) \sqrt{81} + \sqrt{36} = \sqrt{3} + \sqrt{6} = 9$$

$$2) \sqrt{25} + \sqrt{144} = \sqrt{5} + \sqrt{12} = \sqrt{17}$$

$$3) \sqrt{81} + \sqrt{729} = \sqrt{9} - \sqrt[3]{9} = 0$$

$$4) \sqrt{225} - \sqrt{49} = \sqrt{15} - \sqrt{7} = \sqrt{8}$$

$$5) \sqrt{27} \cdot \sqrt{16} = \sqrt[3]{3} \cdot \sqrt[2]{4} = \sqrt{12}$$

$$6) \sqrt{100} \cdot \sqrt{121} = \sqrt{10} \cdot \sqrt{11} = \sqrt{110}$$

$$7) \sqrt{400} : \sqrt{25} = \sqrt{20} = \sqrt{5} = \sqrt{400} = \sqrt{20} = 20 : 5 = 4$$

$$8) \sqrt{121} : \sqrt[3]{8} = \sqrt[3]{11} = \sqrt[3]{2} =$$

$$\sqrt{121} = \sqrt{11} = 11 : 2 = 5.5$$

$$9) \sqrt{600 + 25} = \sqrt{625} = \sqrt[4]{5}$$

$$10) \sqrt[3]{729} + \sqrt{64} = \sqrt{9} = \sqrt{8} = \sqrt{17}$$

$$11) \sqrt{614 - 102} = \sqrt{512} = \sqrt[3]{8}$$

$$12) \sqrt{1758 - 427} = \sqrt{1331} = \sqrt[3]{11}$$

$$13) \sqrt{128 \cdot 2} = \sqrt{256} = \sqrt[4]{4}$$

$$14) \sqrt{49} \cdot \sqrt{7} =$$

$$\sqrt{49 \cdot 7} = \sqrt[3]{7 \cdot 7 \cdot 7}$$

$$\sqrt{7^3} = 7$$

$$15) \sqrt{640} : \sqrt[5]{20} =$$

$$\sqrt{640} : 20 = \sqrt{32} = \sqrt[3]{2^5} = 2$$