

# Square roots with addition and subtraction

$$\text{i. } \sqrt{91+9}$$

$$\text{ii. } \sqrt{25+\sqrt{100}}$$

$$\text{iii. } \sqrt{125-\sqrt{25}}$$

$$\text{iv. } \sqrt{625}-\sqrt{100}$$

$$\text{v. } \sqrt{64+36}$$

$$\text{vi. } \sqrt{16+9}$$

$$\text{vii. } \sqrt{169-\sqrt{25}}$$

$$\text{viii. } \sqrt{81-\sqrt{16}}$$

$$\text{ix. } \sqrt{49-\sqrt{9}}$$

$$\text{x. } \sqrt{64-\sqrt{16}}$$

$$\text{xi. } \sqrt{196-\sqrt{100}}$$

$$\text{xii. } \sqrt{91+\sqrt{105}}$$

# Cubic roots with addition and subtraction

$$\text{i. } \sqrt[3]{125} - \sqrt[3]{64}$$

$$\text{ii. } \sqrt[3]{343} - \sqrt[3]{27}$$

$$\text{iii. } \sqrt[3]{125} + \sqrt[3]{27}$$

$$\text{iv. } \sqrt[3]{216} - \sqrt[3]{64}$$

$$\text{v. } \sqrt[3]{1000} + \sqrt[3]{343}$$

$$\text{vi. } \sqrt[3]{1000} + \sqrt[3]{216}$$

$$\text{vii. } \sqrt[3]{185-60}$$

$$\text{viii. } \sqrt[3]{443-100}$$

$$\text{ix. } \sqrt[3]{115+101}$$

$$\text{x. } \sqrt[3]{400+600}$$

$$\text{xi. } \sqrt[3]{20+7}$$

$$\text{xii. } \sqrt[3]{100-36}$$