

Racines carrées - Diff équation

$$a. \sqrt{81} = \sqrt{9 \times 9} = 3\sqrt{9}$$

$$b. \sqrt{28} = \sqrt{4 \times 7} = 2\sqrt{7}$$

$$c. \sqrt{40} = \sqrt{4 \times 10} = 2\sqrt{10}$$

$$d. \sqrt{700} = \sqrt{100 \times 7} = 10\sqrt{7}$$

$$1. \sqrt{12} = 2\sqrt{3}$$

$$\sqrt{48} = 4\sqrt{3}$$

$$\sqrt{75} = 5\sqrt{3}$$

$$2. \sqrt{12} + 3\sqrt{48} - 2\sqrt{75}$$

$$2\sqrt{3} = \sqrt{9 \times 48}$$

$$= \sqrt{432}$$

$$= 12\sqrt{3}$$

$$= \sqrt{4 \times 75}$$

$$= \sqrt{300}$$

$$= 10\sqrt{3}$$

$$= 2\sqrt{3} + 12\sqrt{3} - 10\sqrt{3}$$

$$= 2\sqrt{3} - 10\sqrt{3}$$

$$= 4\sqrt{3}$$