

Entraînement 1 Simplifie au maximum les expressions suivantes : $\sqrt{a} \times \sqrt{b} = \sqrt{a \times b}$

$$A = \sqrt{7} \times \sqrt{3}$$

$$B = \sqrt{2} \times \sqrt{5}$$

$$C = \sqrt{6} \times \sqrt{10}$$

$$A = \sqrt{\dots} \times \dots$$

$$B = \sqrt{\dots} \times \dots$$

$$C = \sqrt{\dots} \times \dots$$

$$A = \sqrt{\dots}$$

$$B = \sqrt{\dots}$$

$$C = \sqrt{\dots}$$

$$D = \sqrt{2} \times \sqrt{7}$$

$$E = \sqrt{5} \times \sqrt{2}$$

$$F = \sqrt{8} \times \sqrt{2} \times \sqrt{5}$$

Multiplication de racines carrées

$$A = \sqrt{5} \times \sqrt{7}$$

$$A = \sqrt{5 \times 7}$$

$$A = \sqrt{35}$$

Entraînement 3 Simplifie au maximum les expressions suivantes : $\sqrt{a} \times \sqrt{b} = \sqrt{a \times b}$

$$A = \sqrt{2} \times \sqrt{8}$$

$$B = \sqrt{32} \times \sqrt{2}$$

$$C = \sqrt{10} \times \sqrt{10}$$

$$A = \sqrt{\dots} \times \dots$$

$$B = \sqrt{\dots} \times \dots$$

$$C = \sqrt{\dots} \times \dots$$

$$A = \sqrt{\dots} = \dots$$

$$B = \sqrt{\dots} = \dots$$

$$C = \sqrt{\dots} = \dots$$

$$D = \sqrt{2} \times \sqrt{12,5}$$

$$E = \sqrt{18} \times \sqrt{2}$$

$$F = \sqrt{3} \times \sqrt{3}$$

Multiplication de racines carrées

$$A = \sqrt{5} \times \sqrt{20}$$

$$A = \sqrt{5 \times 20}$$

$$A = \sqrt{100} = 10$$

Entraînement 2 Simplifie les expressions suivantes

$$A = 2\sqrt{7} \times 3\sqrt{5}$$

$$B = 3\sqrt{2} \times 5\sqrt{6}$$

$$C = \sqrt{2} \times 6\sqrt{7}$$

$$A = \dots \times \dots \times \sqrt{7} \times \sqrt{5}$$

$$A = \dots \times \dots \times \sqrt{\dots} \times \dots$$

$$A = \dots \sqrt{\dots}$$

$$D = 4\sqrt{2} \times \sqrt{11} \times 5$$

$$E = \sqrt{2} \times 5\sqrt{3} \times 3\sqrt{10}$$

$$F = 3\sqrt{2} \times \sqrt{5} \times 6\sqrt{7}$$

$$A = 4\sqrt{2} \times 3\sqrt{5}$$

$$A = 4 \times 3 \times \sqrt{2} \times \sqrt{5}$$

$$A = 12 \times \sqrt{2 \times 5}$$

$$A = 12\sqrt{10}$$

Entraînement 4 Simplifie les expressions suivantes

$$A = 2\sqrt{7} \times 3\sqrt{7}$$

$$B = 3\sqrt{3} \times 5\sqrt{3}$$

$$C = 2\sqrt{11} \times 2\sqrt{11}$$

$$A = 5\sqrt{2} \times 3\sqrt{2}$$

$$A = 5 \times 3 \times \sqrt{2} \times \sqrt{2}$$

$$A = 15 \times \sqrt{2 \times 2}$$

$$A = 15\sqrt{4}$$

$$A = 15 \times 2$$

$$A = 30$$

