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

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

$$= 2\sqrt{3}$$

Point　$\sqrt{\ }$ のかけ算は 2乗 をつくって
ドンドンタトへ.

問題　次の式を計算せよ.

(1) $\sqrt{2}\sqrt{6} = \sqrt{2 \times 6} = \sqrt{2 \times 2 \times 3} = 2\sqrt{3}$

(2) $\sqrt{3}\sqrt{15} = \sqrt{3 \times 15} = \sqrt{3 \times 3 \times 5} = 3\sqrt{5}$

(3) $5\sqrt{2} \times 3\sqrt{10} = 15\sqrt{2 \times 10} = 15\sqrt{2 \times 2 \times 5}$

$= 30\sqrt{5}$

(4) $\sqrt{39}\sqrt{13} = \sqrt{39 \times 13} = \sqrt{3 \times 13 \times 13} = 13\sqrt{3}$

(5) $2\sqrt{6} \times 3\sqrt{78} = 6\sqrt{6 \times 78} = 6\sqrt{6 \times 6 \times 13} = 36\sqrt{13}$

(6) $2\sqrt{3} \times \sqrt{21} = 2\sqrt{3 \times 21} = 2\sqrt{3 \times 3 \times 7} = 6\sqrt{7}$