


4) $2 \sqrt{108}+\sqrt{27}$
$\sqrt{36}=6$

$$
\frac{1}{2 \cdot \sqrt{36 \cdot 3}+\sqrt{9 \cdot 3} \quad \sqrt{9}=3}
$$

$$
2 \cdot 6 \sqrt{3}+3 \sqrt{3}
$$

$$
12 \sqrt{3}+3 \sqrt{3}
$$

$$
\text { 5) } \begin{aligned}
&-\sqrt{18}+3 \sqrt{32}-\sqrt{75} \\
&-1 \sqrt{9 \cdot 2}+3 \sqrt{16 \cdot 2}-1 \sqrt{25 \cdot 3} \\
&-1 \cdot 3 \sqrt{2}+3 \cdot 4 \sqrt{2}-1 \cdot 5 \sqrt{3} \\
&-\frac{3 \sqrt{2}}{}+\frac{12 \sqrt{2}}{}-5 \sqrt{3} \\
& 9 \sqrt{2}-5 \sqrt{3}
\end{aligned}
$$

Take a look at the examples we have done. What do you notice is the difference between adding/subtracting and multiplying radicals? Explain in your own words.


