23. $\sqrt[3]{16 y^{3}}$

24. What is $\sqrt{39}$ divided by $\sqrt{26}$ ?
$\left(\frac{\sqrt{39}}{\sqrt{26}} \cdot \frac{\sqrt{26}}{\sqrt{26}}=\frac{\sqrt{1014}}{\sqrt{676}}=\frac{\sqrt{1} \sqrt{6}}{26}=\frac{\sqrt{6}}{2}\right)$
$\sqrt{\frac{39}{26}}=\sqrt{\frac{3}{2}} \quad \frac{\sqrt{1014}}{\sqrt{109} \sqrt{6}}$

$$
\frac{\sqrt{3}}{\sqrt{2}} \cdot \frac{\sqrt{2}}{\sqrt{2}}=\frac{\sqrt{6}}{\sqrt{4}}=\frac{\sqrt{6}}{2}
$$


$3+6 \sqrt{2} y d$ $2 \sqrt{9}$
84 yd
$P=3+6 \sqrt{2}+\sqrt{7}+3+6 \sqrt{2}+\sqrt{8}$
$P=3+6 \sqrt{2}+3+6 \sqrt{2}$
$P=6+16 \sqrt{2} y d$
$A=(3+6 \sqrt{2}) \sqrt{8}$
$=3 \sqrt{8}+6 \sqrt{16}$ $3 \sqrt{4} \sqrt{2}+6 \cdot 4$
$A=6 \sqrt{2}+24 y d^{2}$

$$
\begin{aligned}
& \text { 44. } \begin{array}{l}
(\sqrt{11}-\sqrt{2})^{2} \\
(\sqrt{11}-\sqrt{2})(\sqrt{11}-\sqrt{2}) \\
\sqrt{121}+\sqrt{4}-\sqrt{22}-\sqrt{22} \\
11+2 \\
13-2 \sqrt{22}
\end{array}
\end{aligned}
$$

49. $\frac{2+\sqrt{2}}{5-\sqrt{2}} \cdot \frac{5+\sqrt{2}}{5+\sqrt{2}}=\frac{10+2 \sqrt{2}+5 \sqrt{2}+\frac{+2}{4}}{25+5 \sqrt{2}-5 \sqrt{2}-\sqrt{4}}$

$$
=\frac{12+7 \sqrt{2}}{23}
$$

(46)

$$
\begin{gathered}
\frac{7}{4-\sqrt{3}} \cdot \frac{4+\sqrt{3}}{4+\sqrt{3}}=\frac{28+7 \sqrt{3}}{16+4 \sqrt{3}-4 \sqrt{3}-\sqrt{7}}-3 \\
=\frac{28+7 \sqrt{3}}{13}
\end{gathered}
$$

41. 

$$
\begin{aligned}
& \text { 1. } 5 \sqrt{20}+\sqrt{24}-\sqrt{180}+7 \sqrt{54} \\
& 5 \sqrt{4} \sqrt{5} \sqrt{4 \sqrt{6}} \sqrt{36} \sqrt{5} 7 \sqrt{9} \sqrt{6} \\
& 5.2 \\
& 5.3 \\
& 10 \sqrt{5}+2 \sqrt{6}-6 \sqrt{5}+21 \sqrt{6} \\
& 4 \sqrt{5}+23 \sqrt{6}
\end{aligned}
$$

