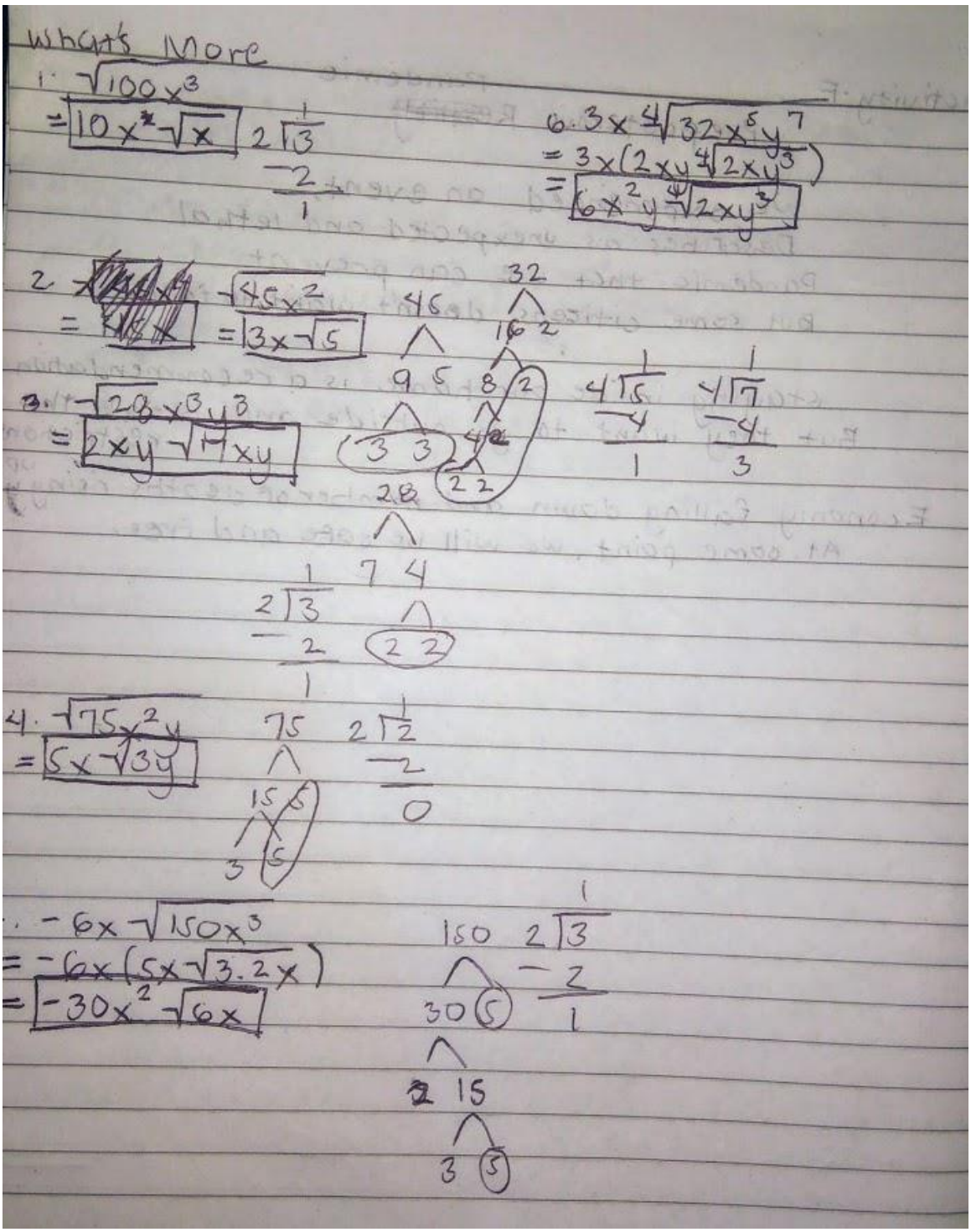
Angeles City Science High School

Mathematics 9

Name: Paul Gerald D. Pare **Section:** 9 - Adenine



7. $\sqrt{\frac{3x}{2}} = \frac{\sqrt{6x}}{2}$

8. $\sqrt[3]{\frac{9x^6}{y^3 z^{12}}}$

$= \frac{x^2 \sqrt[3]{9}}{yz^4}$

9. $\frac{2xy}{\sqrt[3]{4x}}$

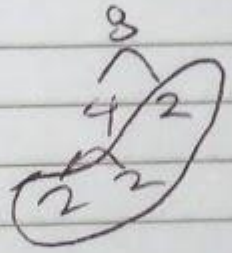
$= \frac{2xy(\sqrt[3]{4x})}{\sqrt[3]{4x}(\sqrt[3]{4x})}$

$= \frac{2xy\sqrt[3]{4x}}{\sqrt[3]{16x^2}}$

$= \frac{2xy\sqrt[3]{4x}}{2\sqrt[3]{2x^2}}$

$= y\sqrt[3]{4x}$

$= y\sqrt[3]{2x^2}$



10. $\frac{\sqrt{7x}}{\sqrt{2x+5}}$

$= \frac{\sqrt{7x}(\sqrt{2x-5})}{(\sqrt{2x+5})(\sqrt{2x-5})}$

$= \frac{\sqrt{14x-35}}{2x-25}$