Write each of the following expressions in the form $ax^{n}$ where a and n are rational

1. $\frac{1}{x}$
2. $\frac{2}{x}$
3. $\frac{1}{2x}$
4. $\sqrt{x}$
5. $\frac{4}{\sqrt{x}}$
6. $\sqrt[3]{x}$
7. $\frac{3}{2\sqrt{x}}$
8. $\left(2x\right)^{3}$
9. $\frac{1+x^{2}}{\sqrt{x}}$
10. $\left(3-\sqrt{x}\right)\left(x+7\right)$
11. $\frac{1}{x}$ $x^{-1}$
12. $\frac{2}{x}$ $2x^{-1}$
13. $\frac{1}{2x}$ $\frac{1}{2}x^{-1}$
14. $2\sqrt{x}$ $2x^{\frac{1}{2}}$
15. $\frac{4}{\sqrt{x}}$ $4x^{-\frac{1}{2}}$
16. $\sqrt[3]{x}$ $x^{\frac{1}{3}}$
17. $\frac{3}{2\sqrt{x}}$ $\frac{3}{2}x^{-\frac{1}{2}}$
18. $\left(2x\right)^{3}$ $8x^{3}$
19. $\frac{27+3x^{2}}{\sqrt{x}}$ $27x^{-\frac{1}{2}}+3x^{\frac{3}{2}}$
20. $\left(3-\sqrt{x}\right)\left(x+7\right)$ $21-7x^{\frac{1}{2}}+3x-x^{\frac{3}{2}}$