**Solving Equations with Fractions**

1. $\frac{x+2}{2}+\frac{x+4}{3}=4$

2. $\frac{x+2}{2}+\frac{x+4}{8}=4$

3. $\frac{x+2}{2}+\frac{x+4}{8}=9$

4. $\frac{x+2}{6}+\frac{x+4}{8}=9$

5. $\frac{x+2}{6}-\frac{x+4}{8}=9$

6. $\frac{x+2}{6}-\frac{x-4}{8}=9$

7. $\frac{x-2}{6}-\frac{x-4}{8}=9$

8. $\frac{2x-2}{6}-\frac{2x-4}{8}=9$

9.$ \frac{4x-2}{6}-\frac{4x-4}{8}=9$

10. $\frac{4x-4}{8}-\frac{4x-2}{6}=9$

11.$ \frac{4x-4}{8}-\frac{4x-2}{6}=1$

12.$ \frac{4x-4}{8}-\frac{4x-2}{6}=\frac{1}{2}$

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**Solving Equations with Fractions - ANSWERS**

1. $x=2$

2. $x=4$

3. $x=12$

4. $x=28$

5. $x=220$

6. $x=196$

7. $x=212$

8. $x=106$

9. $x=53$

10. $x=-55$

11. $x=-7$

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