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| **Plotting Harder Non-Linear Graphs** |
| **(a)** | **(b)** | **(c)** |
| Plot the graph of $y=x^{2}+\frac{2}{x^{2}}$ between $x=0.5$ and $x=3.5$ | Plot the graph of $y=x^{3}+3x+\frac{2}{x}$ from $x=0.1$ to $x=1.5$ | Plot the graph of $y=x\left(\frac{x}{2}-\frac{1}{x^{2}}\right)$from $x=-4$ to $x=-0.5$ |
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| --- | --- | --- | --- | --- | --- | --- | --- |
| $$x$$ | $$0.5$$ | $$1$$ | $$1.5$$ | $$2$$ | $$2.5$$ | $$3$$ | $$3.5$$ |
| $$y$$ |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| $$x$$ | $$0.1$$ | $$0.2$$ | $$0.4$$ | $$0.7$$ | $$1$$ | $$1.2$$ | $$1.5$$ |
| $$y$$ |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- |
| $$x$$ | $$-4$$ | $$-3$$ | $$-2$$ | $$-1$$ | $$-0.5$$ | $$-0.25$$ |
| $$y$$ |  |  |  |  |  |  |

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