























Soda Fountain Task

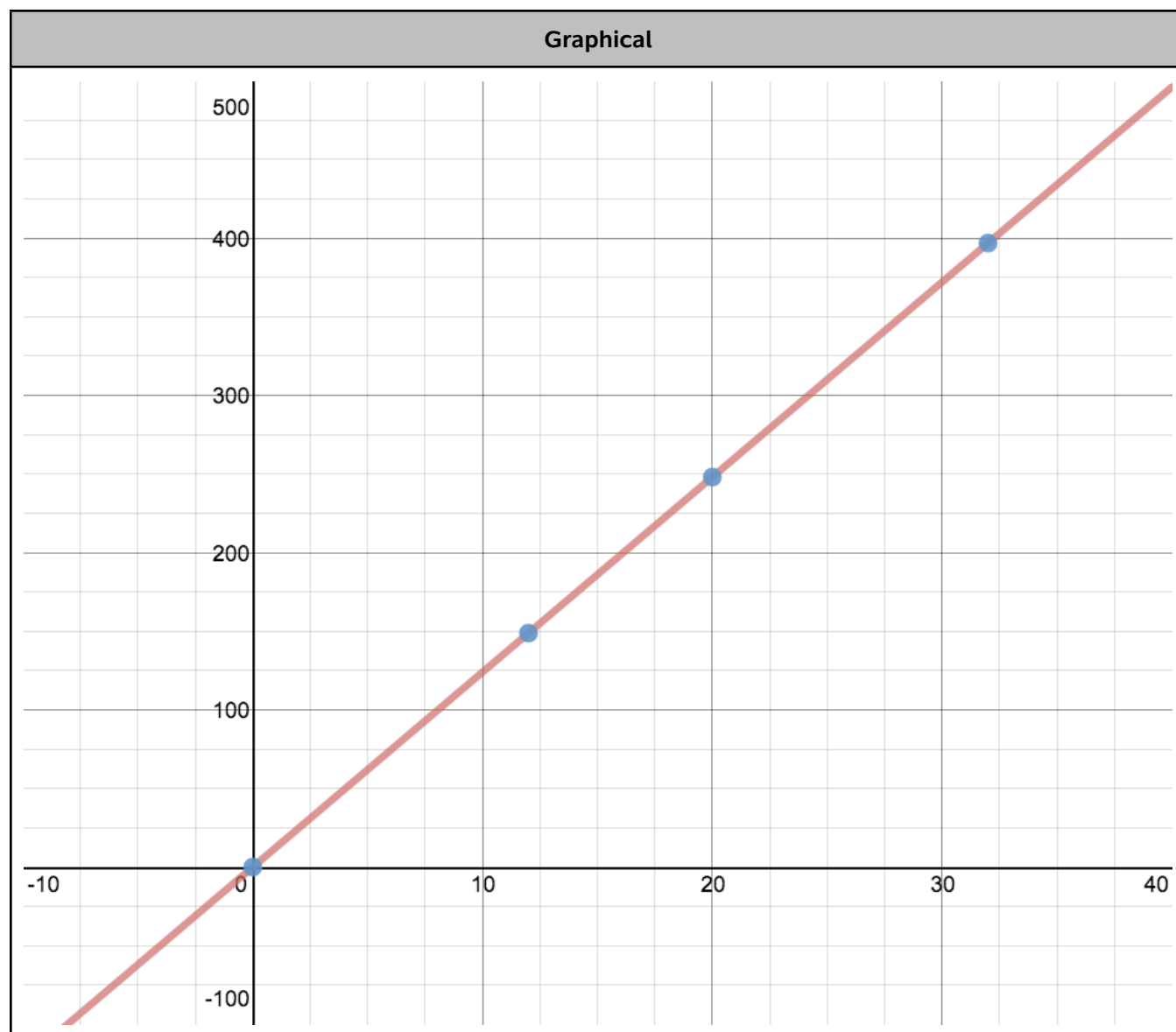
Making Connections Among Four Representations

Ingredients (in no particular order)

Numerical	Algebraic	Verbal										
<table><tr><th>x</th><th> y</th></tr><tr><td>0</td><td>0</td></tr><tr><td>12</td><td>159.6</td></tr><tr><td>20</td><td>266</td></tr><tr><td>32</td><td>425.6</td></tr></table>	x	 y	0	0	12	159.6	20	266	32	425.6	 $y = 11.7x$	 8 fluid ounces of Minute Maid Light Lemonade contains about 5 calories 
x	 y											
0	0											
12	159.6											
20	266											
32	425.6											
<table><tr><th>x</th><th> y</th></tr><tr><td>0</td><td>0</td></tr><tr><td>12</td><td>148.8</td></tr><tr><td>20</td><td>248</td></tr><tr><td>32</td><td>396.8</td></tr></table>	x	 y	0	0	12	148.8	20	248	32	396.8	 $y = 0.6x$	 8 fluid ounces of pink lemonade contains about 99 calories
x	 y											
0	0											
12	148.8											
20	248											
32	396.8											
<table><tr><th>x</th><th> y</th></tr><tr><td>0</td><td>0</td></tr><tr><td>12</td><td>7.2</td></tr><tr><td>20</td><td>12</td></tr><tr><td>32</td><td>19.2</td></tr></table>	x	 y	0	0	12	7.2	20	12	32	19.2	 $y = 12.4x$	 8 fluid ounces of Coca Cola contains about 93.5 calories
x	 y											
0	0											
12	7.2											
20	12											
32	19.2											
<table><tr><th>x</th><th> y</th></tr><tr><td>0</td><td>0</td></tr><tr><td>12</td><td>140.4</td></tr><tr><td>20</td><td>234</td></tr><tr><td>32</td><td>374.4</td></tr></table>	x	 y	0	0	12	140.4	20	234	32	374.4	 $y = 13.3x$	 8 fluid ounces of <u>Barq's</u> Root Beer contains about 106 calories 
x	 y											
0	0											
12	140.4											
20	234											
32	374.4											

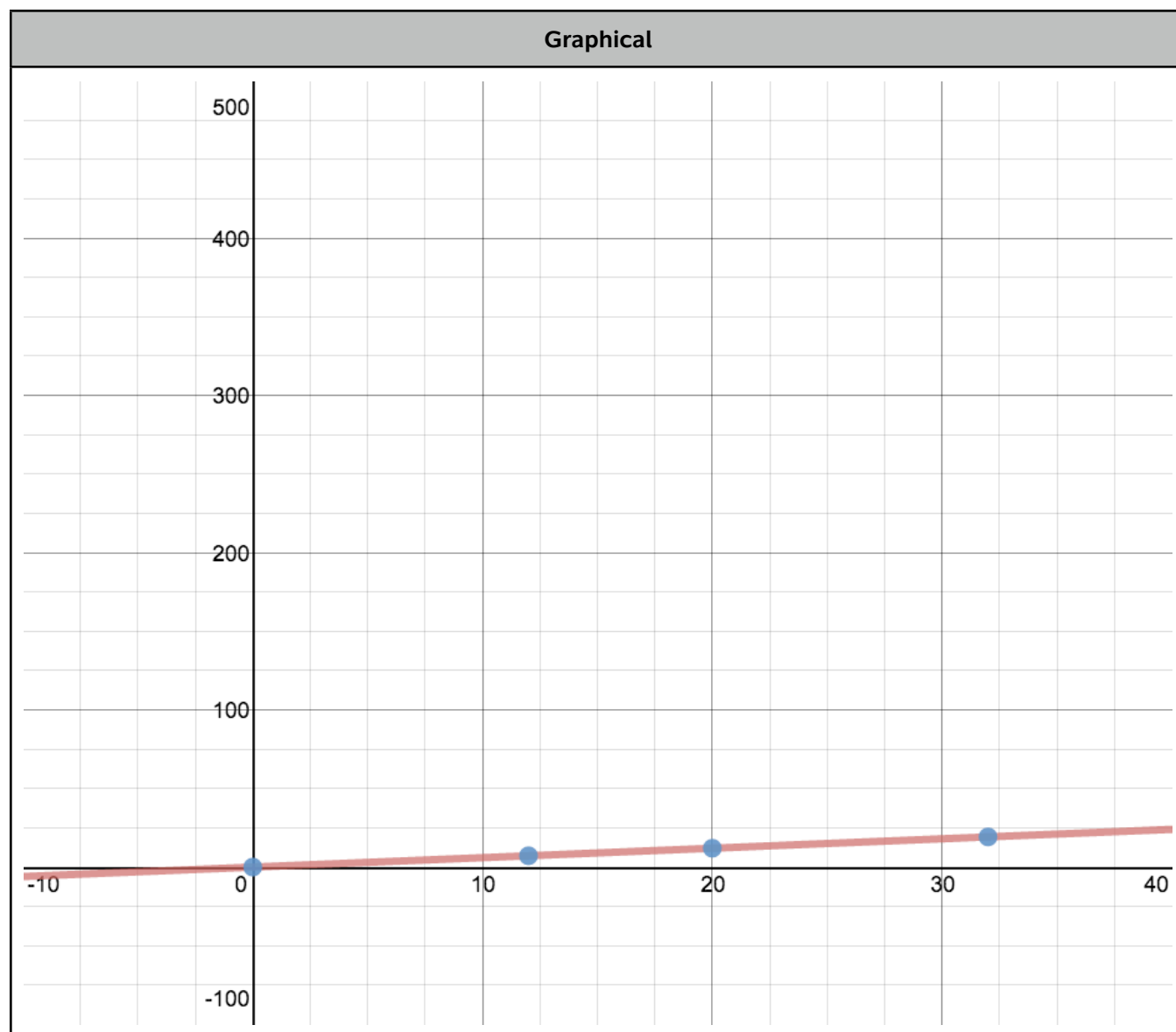
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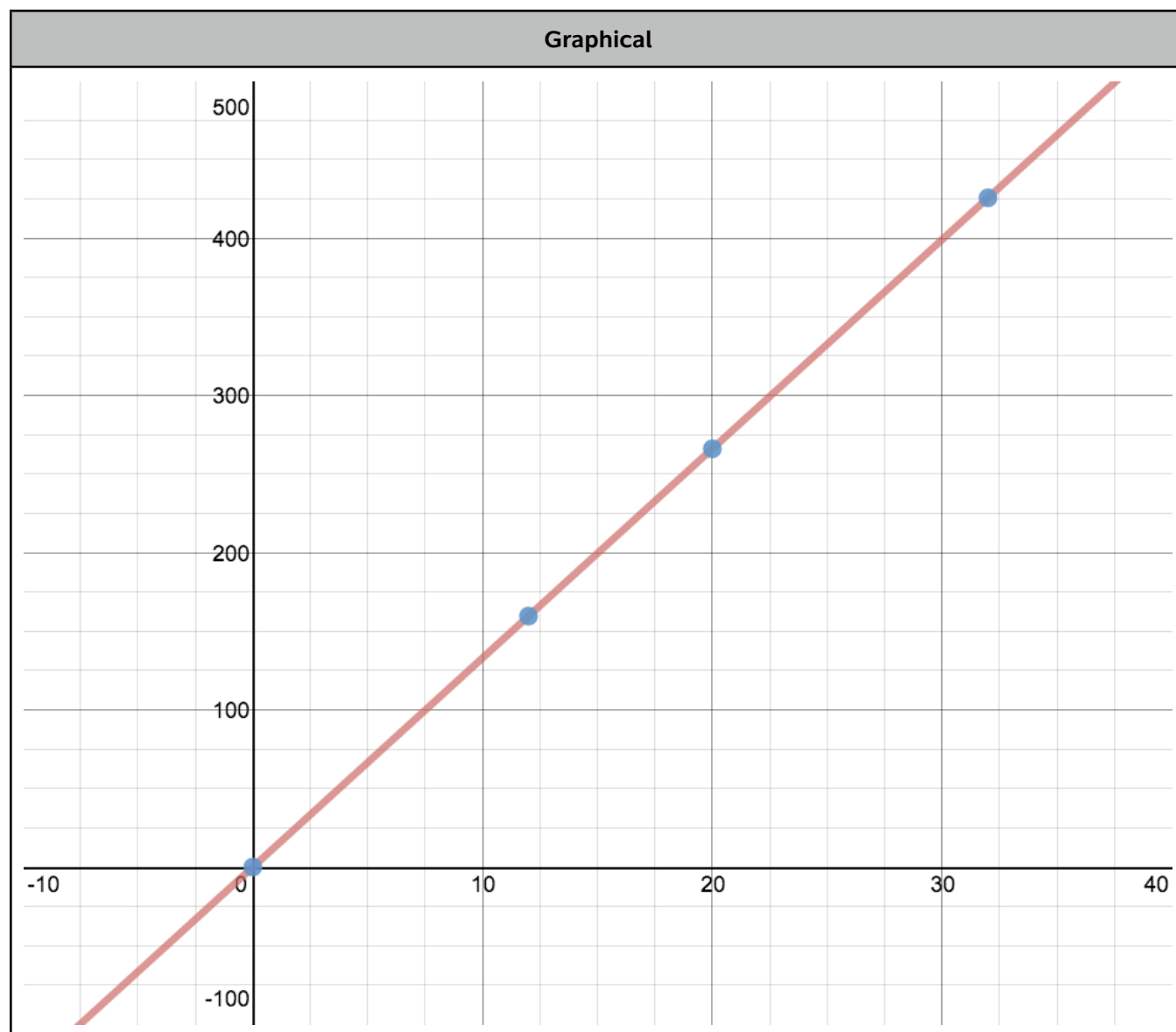
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