3-dimensional geometry

Calculate the midpoints between the two points using the formula:

$$M = \left(\frac{x_1 + x_2}{2}, \frac{y_! + y_2}{2}, \frac{z_1 + z_2}{2}\right)$$

Give your answer to **1 decimal place if necessary**

1. $(0,0,0)$ and $(3, 4, 12)$

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2. $(4, -3,6)$ and $(1,0,17)$

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3. $(6,5,4)$ and $(10,9,8)$

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4. $(1,1,1)$ and $(10,10,10)$

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5. $(-4, -5, -19)$ and $(8,3,12)$

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6. $(5,5,18)$ and $(5,5, -8)$

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7. $(3,6,1)$ and $(1,6,3)$

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8. $(9,6,3)$ and $(-9, -6, -3)$

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LIVEWORKSHEETS