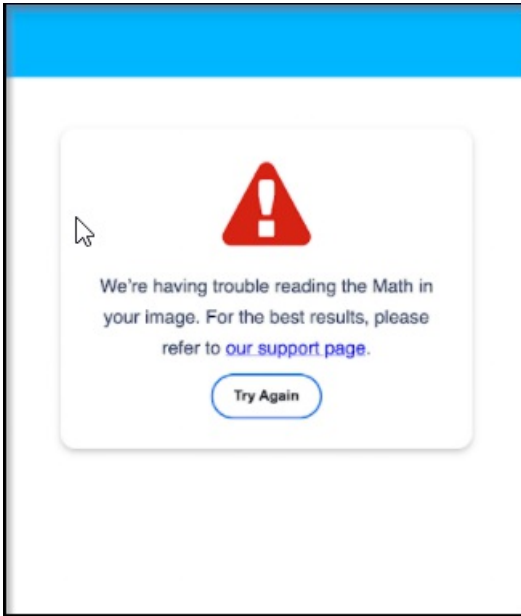


Issues using EquatIO Mobile

Last Modified on Wednesday, 03-Nov-2021 13:45:00 GMT

If you are having trouble with the EquatIO Mobile feature capturing Math, you may encounter this window appearing:



Here are a few things you can try to enhance your results:

1. Use a High Resolution Camera.
2. Space your Math further apart. (see example of good spacing vs bad spacing)
3. If Math is crowded together - take separate shots of each piece of Math.
4. Ensure there is sufficient lighting.

Good Spacing

Two-Step Equations

Date

Solve each equation.

$$1) 6 = \frac{a}{4} + 2$$

$$2) -6 + \frac{x}{4} = -5$$

$$3) 9x - 7 = -7$$

$$4) 0 = 4 + \frac{n}{5}$$

$$5) -4 = \frac{r}{20} - 5$$

$$6) -1 = \frac{5+x}{6}$$

$$7) \frac{y+9}{3} = 8$$

$$8) 2(n+5) = -2$$

EquatIO should pick up this full document up fine allowing you to edit each piece of Math individually by clicking on it and then clicking the 'Edit Math' button.

Poor Spacing

The image shows a document with extremely poor spacing, where mathematical symbols and operators are packed together without gaps, making it difficult to read. The text is a mix of algebra, trigonometry, and physics formulas. The spacing is so poor that it's hard to distinguish between different parts of the equations.

Examples of the poor spacing include:

- $\sin\left(3t_2 + \frac{\pi}{6}\right) = A \sin\left(3t_2 + \frac{\pi}{6}\right)$ (where the function name and its argument are not clearly separated)
- $E_c = E - E_p = \frac{1}{2}k(A^2 - y_2^2)$ (where the minus sign and the fraction are not clearly separated)
- $I_R = \frac{U}{R} = \frac{220}{17,32} = 12,7 \text{ A}$ (where the division and the units are not clearly separated)
- $E_c = E_{c_{\max}} \Rightarrow \cos^2\left(3t_c + \frac{\pi}{3}\right) = 1 \Rightarrow \cos\left(3t_c + \frac{\pi}{3}\right) = \pm 1 = \cos(n\pi) \Rightarrow t_c = \frac{\pi}{3}\left(n - \frac{1}{3}\right)$ (where the function name and its argument are not clearly separated)

EquatIO will likely have an issue picking this Math as it is so crowded together. It might be able to read the math but read it as one image - This will make editing more difficult, so this would be a great example of when you should take separate shots of each piece of Math.

