



U + Me = Us: The Screen Test

**COMPLETE TO COLLECT****Indicolite**

Level 3 · 5 Glints

THE PROBLEM

In the MTV movie *2gether*, the fictional boy band 2gether performs $U + Me = Us$ (*Calculus*). For a video-screen puzzle, the song title becomes a real addition equation.



2gether in the “U + Me = Us (Calculus)” music video.

THE SCREEN PUZZLE

$$U + ME = US$$

- Each letter stands for one digit. The same letter always means the same digit.
- Different letters must have different digits.
- **ME** and **US** are two-digit numbers, and **U** = 8.

QUESTIONS

Use separate paper for your complete list and explanation.

- Find every way to replace **M**, **E**, and **S** with digits so that the screen equation is true. List each finished equation.
- Explain why your list has every possible equation and no equation is repeated.

