

Puzzle of the Week

Equal Products

THE CHALLENGE Find seven different single digits that make these three products the same.



$$A \times B \times C = C \times D \times E = E \times F \times G$$

1 2 3 4 5 6 7 8 9

EXPLORATION: After you solve this, think about what makes this an interesting puzzle. How might you change the puzzle and still keep it interesting? What happens if you use addition instead of multiplication?