



Gordon Burgin's Puzzles

Arithmetic operators

Assume you are using a basic calculator and press the numbers in the order shown, replacing each question mark with an algebraic sign (+, -, * and /) and each can be used once only. What is the highest whole number you can possibly score for the following problems?

$$8 \ ? \ 4 \ ? \ 6 \ ? \ 3 \ ? \ 7 \ = \ \boxed{}$$

$$8 \ ? \ 7 \ ? \ 6 \ ? \ 5 \ ? \ 4 \ = \ \boxed{}$$

$$5 \ ? \ 5 \ ? \ 5 \ ? \ 5 \ ? \ 5 \ = \ \boxed{}$$