

## حساب كسور

1. أحسبوا:

$$(1 - \frac{1}{2})(1 - \frac{1}{3})(1 - \frac{1}{4})(1 - \frac{1}{5})(1 - \frac{1}{6})(1 - \frac{1}{7})(1 - \frac{1}{8})(1 - \frac{1}{9})(1 - \frac{1}{10}) = \text{أ.}$$

$$(1 - \frac{1}{2})(1 - \frac{1}{3})(1 - \frac{1}{4})(1 - \frac{1}{5}) \dots (1 - \frac{1}{100}) = \text{ب.}$$

2. أحسبوا:

$$(1 - \frac{1}{2^2})(1 - \frac{1}{3^2})(1 - \frac{1}{4^2})(1 - \frac{1}{5^2}) \dots (1 - \frac{1}{10^2}) = \text{أ.}$$

$$(1 - \frac{1}{2^2})(1 - \frac{1}{3^2})(1 - \frac{1}{4^2})(1 - \frac{1}{5^2}) \dots (1 - \frac{1}{100^2}) = \text{ب.}$$

أعدت الفعالية من المجلة: Mathematics Teacher. NCTM. December 2003