

Worksheet 2015-7EC-00003(2)

(1) Fill in: < ; > or =

(a) $\frac{3}{4}$ $\frac{2}{3}$

(b) $1\frac{3}{4}$ $\frac{14}{8}$

(c) 5,233 5,333

(d) $\frac{2}{5}$ 0,4

(e) $\frac{5}{16}$ $\frac{8}{16}$

(f) 7 $\frac{34}{5}$

(2) Calculate, without using a calculator: (Show all your calculations!)

(a) $\frac{5}{9} + \frac{1}{4} \div \frac{3}{8}$

(b) $0,7 - \frac{1}{8} + 3\frac{1}{2}$

(c) $\left(\frac{1}{6} + \frac{2}{9}\right) \div 2\frac{1}{3}$

(d) $\frac{1}{2}$ of (3,7 + 4,5)

(e) $4 - \left(\frac{1}{3} + 2\frac{1}{2}\right)$

(f) $\frac{7}{20} \div \frac{14}{40}$

(3) Consider the following numbers: (i) $6\frac{3}{4}$ (ii) 6,3

(a) Convert the number in (i) to a decimal fraction.

(b) Are the two fractions equivalent?

(c) Calculate the sum of (i) and (ii). Show all calculations.

(d) Calculate the product of twice (i) and ten times (ii).
