

Topic: Fractions

Object: Explore fractions in depth, including comparing fractions with different denominators, adding and subtracting fractions with unlike denominators, and converting between fractions and decimals.

* Write the missing number:

1) $\frac{3}{4} = \frac{18}{\dots}$

2) $\frac{\dots}{5} = \frac{6}{15}$

3) $\frac{14}{21} = \frac{2}{\dots}$

4) $\frac{\dots}{30} = \frac{3}{5}$

* Find the result:

5) $\frac{5}{6} + 1\frac{2}{4} = \dots$

6) $2\frac{4}{5} + 3\frac{1}{3} = \dots$

7) $2\frac{1}{6} + \frac{1}{7} = \dots$

8) $6 - \frac{4}{5} = \dots$

9) $3\frac{1}{9} - \frac{1}{5} = \dots$

10) $6\frac{1}{8} - 3\frac{1}{4} = \dots$

* Compare fractions using $>$, $=$, $<$

11) $9\frac{2}{5} \dots 9\frac{4}{10}$

12) $\frac{5}{6} \dots \frac{6}{7}$

13) $\frac{3}{4} + \frac{1}{5} \dots \frac{5}{8} - \frac{1}{7}$

14) $\frac{31}{3} \dots 10\frac{2}{6}$

* Convert to decimal:

15) $\frac{5}{8} = \dots$

16) $\frac{18}{125} = \dots$

17) $\frac{17}{25} = \dots$

18) $2\frac{6}{25} = \dots$

