

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) $\frac{3}{4} = \frac{18}{24}$

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

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

4) $\frac{18}{30} = \frac{3}{5}$

* Find the result:

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

6) $2\frac{4}{5} + 3\frac{1}{3} = 6\frac{2}{15}$

7) $2\frac{1}{6} + \frac{1}{7} = 2\frac{13}{42}$

8) $6 - \frac{4}{5} = 5\frac{1}{5}$

9) $3\frac{1}{9} - \frac{1}{5} = 2\frac{41}{45}$

10) $6\frac{1}{8} - 3\frac{1}{4} = 2\frac{7}{8}$

* Compare fractions using >, =, <

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

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

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

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

* Convert to decimal:

15) $\frac{5}{8} = 0.625$

16) $\frac{18}{125} = 0.144$

17) $\frac{17}{25} = 0.68$

18) $2\frac{6}{25} = 2.24$

