

Equivalent Fractions Practice #1

Simplify each. Write your answer as a mixed number when possible.

1) $\frac{18}{30}$

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

3) $\frac{15}{18}$

4) $\frac{2}{6}$

5) $\frac{8}{14}$

6) $\frac{12}{15}$

7) $\frac{4}{10}$

8) $\frac{10}{15}$

9) $\frac{16}{24}$

10) $\frac{140}{160}$

11) $\frac{6}{12}$

12) $\frac{4}{8}$

Determine the value of a

13) $\frac{3}{5} = \frac{a}{15}$

14) $\frac{2}{7} = \frac{4}{a}$

15) $\frac{3}{4} = \frac{a}{16}$

16) $\frac{3}{10} = \frac{12}{a}$

Determine the value of a and b

17) $\frac{1}{5} = \frac{3}{a} = \frac{b}{20}$

18) $\frac{2}{7} = \frac{8}{a} = \frac{b}{14}$