

## Equivalent Fractions Practice #2

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

1)  $\frac{5}{20}$

2)  $\frac{27}{36}$

3)  $\frac{15}{21}$

4)  $\frac{30}{48}$

5)  $\frac{12}{18}$

6)  $\frac{4}{16}$

7)  $\frac{126}{144}$

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

Determine the value of a

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

10)  $\frac{5}{9} = \frac{30}{a}$

Determine the value of a and b

11)  $\frac{2}{3} = \frac{8}{a} = \frac{b}{21}$

12)  $\frac{4}{9} = \frac{16}{a} = \frac{b}{18}$

**Rewrite each improper fraction as a mixed number.**

13)  $\frac{31}{5}$

14)  $\frac{27}{5}$

15)  $\frac{13}{4}$

16)  $\frac{9}{4}$

17)  $\frac{21}{6}$

18)  $\frac{18}{4}$

**Write each mixed number as an improper fraction**

19)  $5\frac{1}{2}$

20)  $3\frac{2}{5}$

21)  $4\frac{1}{4}$

22)  $2\frac{4}{7}$

23)  $3\frac{3}{4}$

24)  $5\frac{2}{3}$