

Name _____

Equivalent Fractions Continued

To find the next 3 equivalent fractions, first multiply the numerator and the denominator by 2, then multiply the numerator and the denominator by 3, and finally multiply the numerator and the denominator by 4.

Example: Find the next 3 equivalent fractions. $\frac{3}{4}$, _____, _____, _____

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|---|---|
| Steps: 1. Multiply the numerator and the denominator by 2. | $\frac{3 \times 2}{4 \times 2} = \frac{6}{8}$ |
| 2. Multiply the numerator and the denominator by 3. | $\frac{3 \times 3}{4 \times 3} = \frac{9}{12}$ |
| 3. Multiply the numerator and the denominator by 4. | $\frac{3 \times 4}{4 \times 4} = \frac{12}{16}$ |

Therefore, the next three equivalent fractions are $\frac{6}{8}$, $\frac{9}{12}$, and $\frac{12}{16}$.

Try These: Find the next 3 equivalent fractions.

① $\frac{1}{2}$, _____, _____, _____

② $\frac{2}{3}$, _____, _____, _____

③ $\frac{4}{9}$, _____, _____, _____

④ $\frac{5}{8}$, _____, _____, _____

Review:

- ⑤ Three out of five girls watch Full House. a) What fraction of the girls watch Full House?
b) What fraction of the girls do not watch Full House?
- ⑥ A pizza is cut into 12 pieces. Paul eats 3 pieces and John eats 5 pieces. What fraction of the pizza is gone? Write your answer in simplest form.
- ⑦ Charles practiced football $2\frac{1}{2}$ hours. Write this as an improper fraction.