Name: .... Class: ....

Do the ratios form a proportion

1. Say if the following pairs of ratios form a proportion.

$\dfrac{15}{10}$ and $\dfrac{3}{2}$

Evaluate the following ratios below and answer True or False

1. $\dfrac{4}{21}$ and $\dfrac{8}{42}$ form a proportion.

☐ True   ☐ False

2. $\dfrac{52}{48}$ and $\dfrac{7}{6}$ form a proportion.

☐ True   ☐ False

3. $\dfrac{4}{10}$ and $\dfrac{12}{30}$ do not form a proportion.

☐ True   ☐ False

4. $\dfrac{17}{8}$ and $\dfrac{1}{2}$ do not form a proportion.

☐ True   ☐ False

5. $\dfrac{3}{4}$ and $\dfrac{18}{12}$ form a proportion.

☐ True   ☐ False

mathskills4kids

Name: .... Class: ....

Do the ratios form a proportion

1. Say if the following pairs of ratios form a proportion.

$\dfrac{15}{10}$ and $\dfrac{3}{2}$

Find if the given ratios are equivalent. If they are equivalent then they are proportional.

Find a common denominator of 10 and 2

LCD of 10 and 2 = 10

make $\dfrac{3}{2}$ to have a denominator of 10 $\dfrac{3 \times 5}{2 \times 5} = \dfrac{15}{10}$

Check if they are equivalent. Since $\dfrac{15}{10} = \dfrac{15}{10}$

Therefore, $\dfrac{15}{10}$ and $\dfrac{3}{2}$ form a proportion.

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