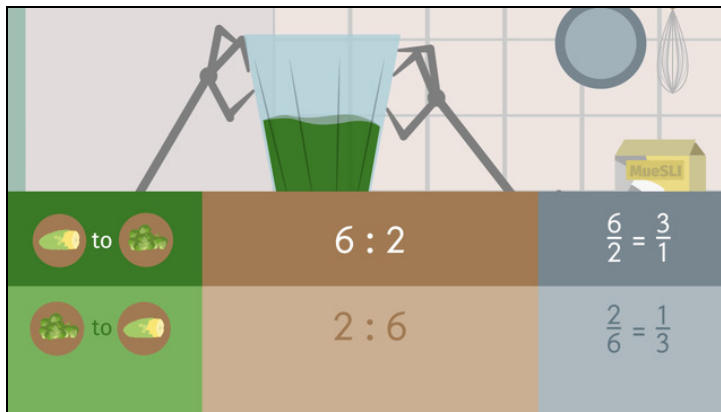Printable Worksheets from sofatutor.com

Ratio and Proportions

1 **Describe the difference between ratio and proportion.**

2 Determine how many women are interested in Dr. Evil.

3 Determine the right ratio.

4 Determine the corresponding ratios.

5 Calculate the number of ingredients for 30 stinging nettle plants.

+ with lots of tips, answer keys, and detailed answer explanations for all of the problems.

⚠ The complete package, **including all problems, hints, answers, and detailed answer explanations** is available for all sofatutor.com subscribers.

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Describe the difference between ratio and proportion.

Choose the correct statements.

$$6 : 2 \;\leftrightarrow\; \frac{6}{2} = \frac{3}{1}$$

A

Ratio and proportion are the same.

B

Ratios are used to compare quantities.

C

Two equal proportions create one ratio.

D

Two equal ratios create one proportion.

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Hints for solving these problems

1
of 5

Describe the difference between ratio and proportion.

Hint #1

$6 : 2$ and $3 : 1$ are both ratios.

Hint #2

A proportion is like an equation.

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Answers and detailed answer explanations for these problems

1 of 5   **Describe the difference between ratio and proportion.**

Answer key: B, D

Keep in mind:

Ratios are used to compare quantities.

Two equal ratios create a proportion.

For example:
- The ratio is $6:2$ or $3:1$.
- The proportion is $\frac{6}{2} = \frac{3}{1}$.

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