Problem 1 – The Same Name Game

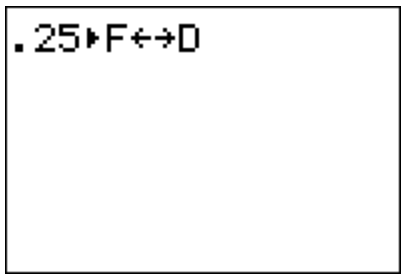
Find four fractions that are equivalent to the given decimal.

1. 0.25

_____

_____

To convert a decimal to a fraction, press [.] [2] [5] [F↔D] [ENTER].



2. 0.75

_____

_____

3. 0.6

_____

_____

4. 0.45

_____

_____

5. With a partner, write two different stories that use two equivalent fractions. Explain why the different fractions make more sense in your story. _____

_____

_____

_____

Place the equivalent fractions in groups.

6. $\frac{1}{2}, \frac{2}{3}, \frac{8}{16}, \frac{4}{9}, \frac{8}{12}, \frac{10}{20}, \frac{12}{27}, \frac{10}{15}, \frac{30}{45}, \frac{4}{6}, \frac{20}{45}$

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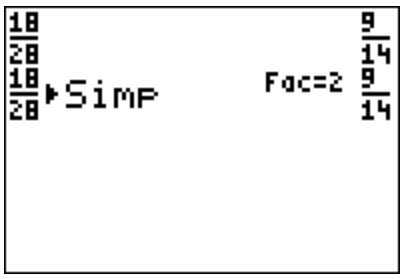
To reduce a fraction and the Mode is set to **AutoSimp**, enter the fraction, then press [ENTER].

Otherwise, use the [SIMP] key.



7. $\frac{1}{3}, \frac{2}{7}, \frac{3}{5}, \frac{6}{10}, \frac{6}{21}, \frac{6}{18}, \frac{2}{6}, \frac{5}{15}, \frac{4}{14}, \frac{12}{20}, \frac{15}{25}$

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Problem 2 – Greater Than or Less Than

Find a fraction that meets each of the given conditions. Use the F↔D feature to help you find the needed fractions.

8. Greater than 0, Less than 0.25

Answer: _____

9. Less than 0

Answer: _____

10. Greater than 1

Answer: _____

11. Greater than 0.25 and Less than 0.30

Answer: _____

12. Between $\frac{1}{3}$ and $\frac{1}{2}$.

Answer: _____

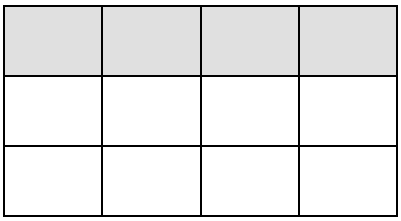
13. Greater than $\frac{1}{2}$ and less than $\frac{2}{3}$.

Answer: _____

Problem 3 – Visually Find Equivalent Fractions

Write 2 equivalent fractions that are shown in each diagram.

14.



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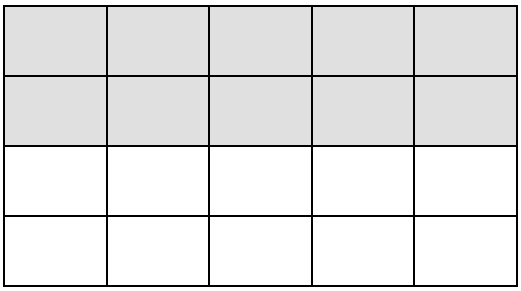
15.



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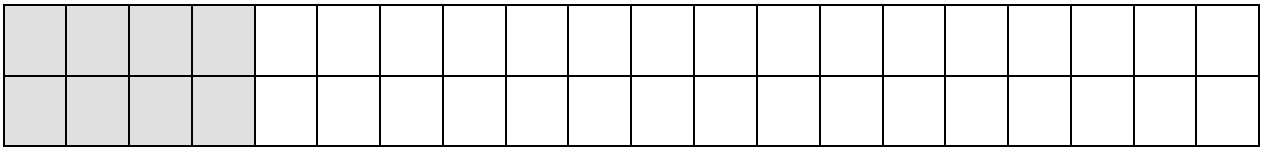
16.



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