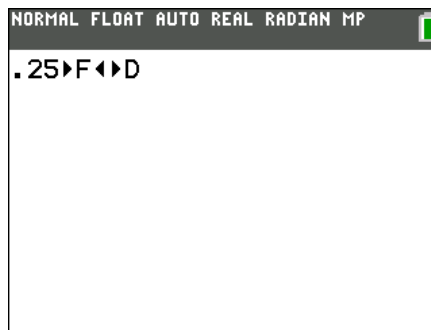## Part 1 – The Same Name Game

Find four fractions that are equivalent to the given decimal.

1. 0.25

_____

_____

To convert a decimal to a fraction, press ⬚ ⬚ ⬚ ⬚ ⬚ [F1] ⬚. Pressing [ENTER] will display the result.


```
NORMAL FLOAT AUTO REAL RADIAN MP

.25▶F◀▶D
```

2. 0.75

_____

_____
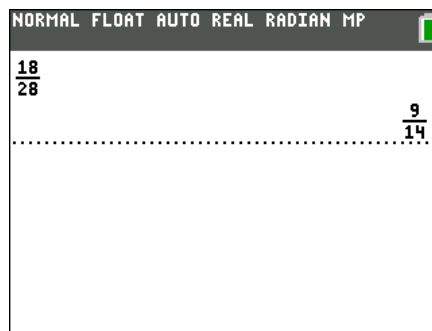
3. 0.6

_____

_____

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

_____

_____

_____

To reduce a fraction, make sure the Mode is set to **MathPrint**, enter the fraction, then press [ENTER].


```
NORMAL FLOAT AUTO REAL RADIAN MP
18
──
28
                              9
                             ──
                             14
```

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

_____

_____

_____

Part 2 – Greater Than or Less Than

Find a fraction that meets each of the given conditions. Use the [ALPHA] [F1] [4] 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: _____

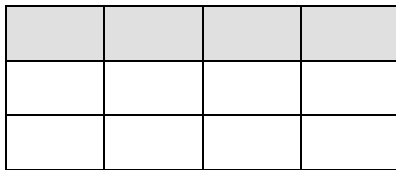12. Between $\dfrac{1}{3}$ and $\dfrac{1}{2}$

    Answer: _____

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

    Answer: _____
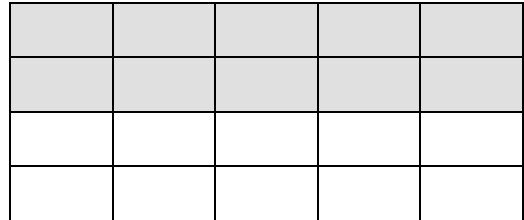
Part 3 – Visually Find Equivalent Fractions

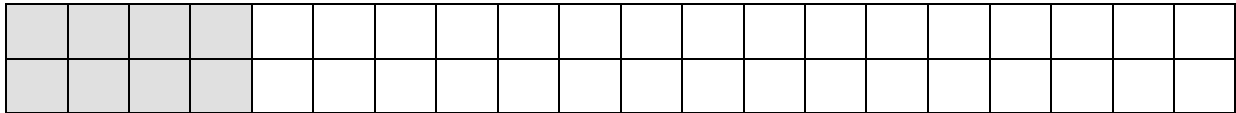Write 2 equivalent fractions that are shown in each diagram.

14.

15.

    Answer: _____

    Answer: _____

16.

    Answer: _____