

# Worksheet #5

FRAC-PW: Fractions -- Pieces of a Whole

## Cut It: Make Your Own Fraction Strips

Take out your cutout page. The big strip is labeled 1. This is your 'whole'.

### NOTE TO TUTOR

*Be sure to reenforce that the 'whole' is one. This is just what we decided to call a whole. The 'fractions' or 'pieces' are in reference to this 'whole'.*

Fill in the fractions for the rest of the spaces. Then, cut them into 'strips' but not into individual 'pieces' (each strip should be as long as the '1' strip).

**Q1** Using your fraction strips make the depict the following fractions:

$$\frac{0}{2}$$

$$\frac{1}{2}$$

$$\frac{2}{2}$$

### NOTE TO TUTOR

*Guide them on a couple of example first. For example, fill out the 1/3 strip. Then, try and let them fill out as much of the chart as they can. Remember to say out loud each fraction in English.*

**Q2** Using your fraction strips make the depict the following fractions:

$$\frac{2}{5}$$

$$\frac{1}{7}$$

$$\frac{8}{8}$$

*And before you cut up the strips, have them study the strips first -- to look at the patterns formed by the blocks. Openly ask questions about the structure of the strips.*

### NOTE TO TUTOR

*Continue to make up problems and explore many different fractions.*

**Q3** Circle which is bigger:  $\frac{1}{10}$  or  $\frac{1}{7}$

### NOTE TO TUTOR

*Remember to save these strips; they are used later many times.*

**Q4** Circle which is bigger:  $\frac{1}{9}$  or  $\frac{1}{2}$

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**Q5** Using your fraction strips make the depict the following fractions:

$$\frac{5}{5}$$

$$\frac{3}{5}$$

$$\frac{1}{5}$$

**Q6** Using your fraction strips make the depict the following fractions:

$$\frac{2}{4}$$

$$\frac{5}{10}$$

$$\frac{1}{2}$$

**Q7** Circle which is bigger:  $\frac{1}{3}$  or  $\frac{1}{4}$

**Q8** Circle which is bigger:  $\frac{1}{5}$  or  $\frac{1}{6}$

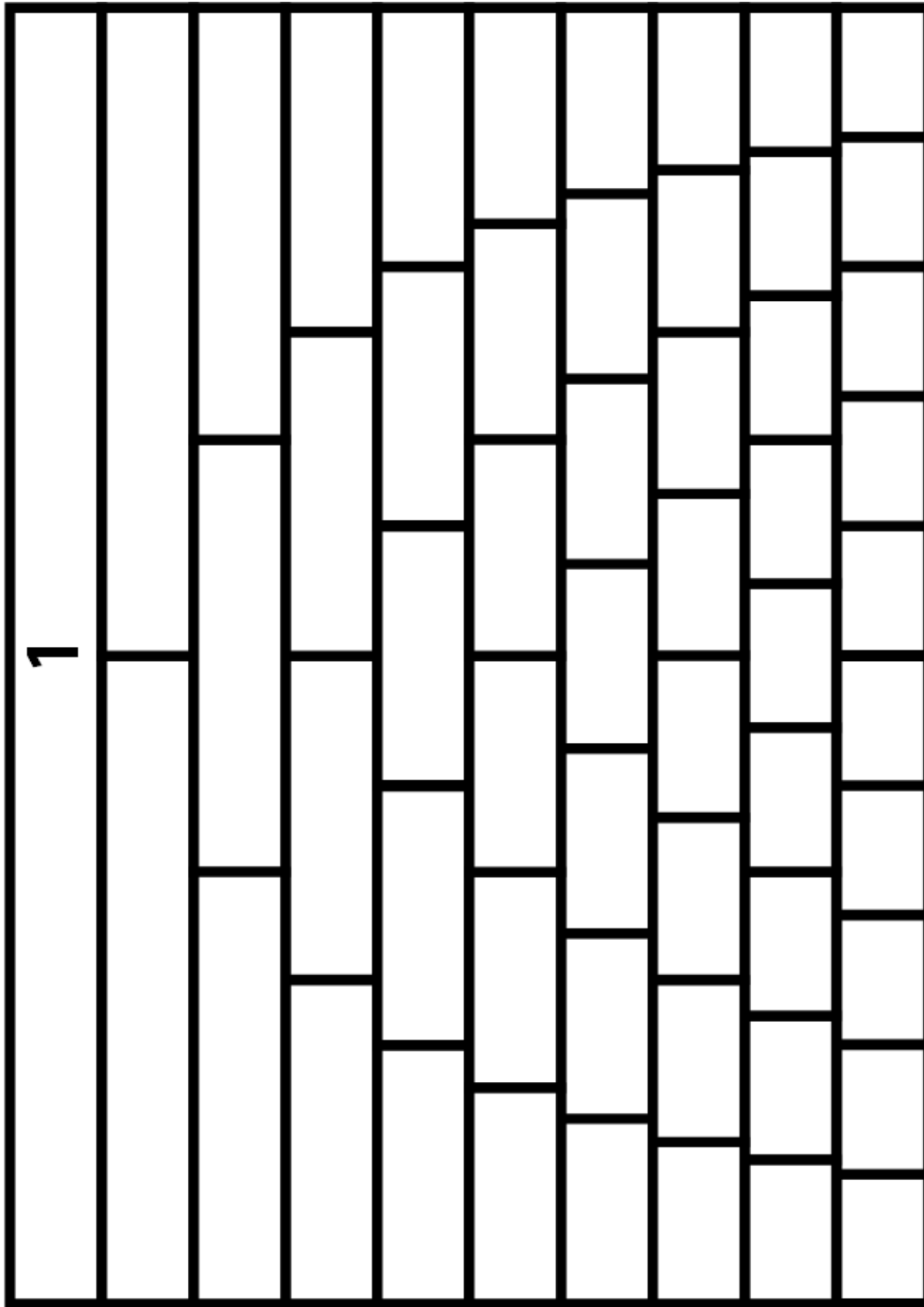
**Q9** Circle which is bigger:  $\frac{1}{5}$  or  $\frac{1}{7}$

**Q10** Circle which is bigger:  $\frac{1}{9}$  or  $\frac{1}{10}$

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