## ½ Whole Numbers as Equivalent Fractions

Name:_____     Date:_____

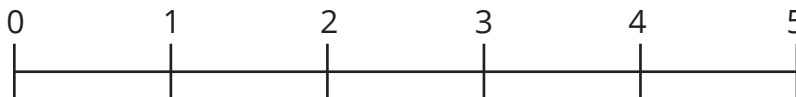When is a whole number equivalent to a fraction?
Using a three step process with a number line, we can take a look!

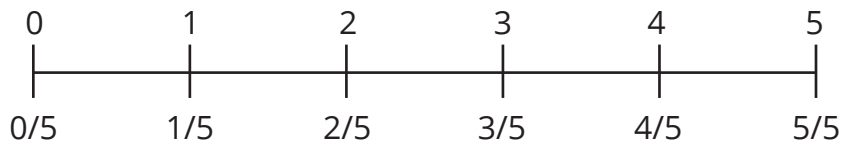Consider the whole number 5, using these three steps:

**Step 1)**     Draw an open number line going from 0 to an endpoint.
In this case the endpoint would be 5. Observe:

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0                                                    5
├───────────────────────────────────────────────────┤
```

**Step 2)**     5 can be expressed on the number line in five equal groups of 1, drawn like this:

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0         1         2         3         4         5
├─────────┼─────────┼─────────┼─────────┼─────────┤
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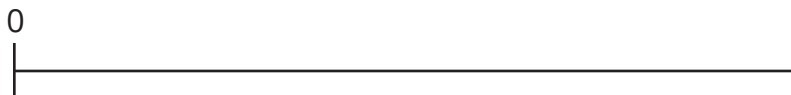
**Step 3)**     So it's easy to see the whole number 5 and it's fractional parts, which we can label
in fifths, like this: 0 = 0/5 of 5, 1 = 1/5 of 5, 2 = 2/5 of 5, 3 = 3/5 of 5, 4 = 4/5 of 5
and 5 = 5/5 of 5

```
0         1         2         3         4         5
├─────────┼─────────┼─────────┼─────────┼─────────┤
0/5      1/5       2/5       3/5       4/5       5/5
```

**Taking a Look:** Corresponding parts, like 1 and 1/5 are called equivalent, because they occupy the same point on a number line, when looking at 5 as a whole. 1 is 1/5 of 5. Can you name all the equivalent pairs?

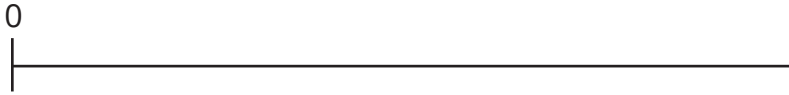Use the 3-step process described above, to complete the following exercises.

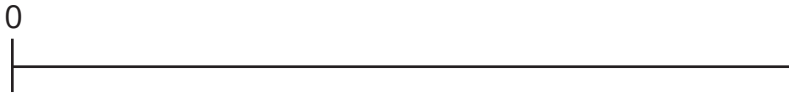1. Illustrate the whole number 6 as a fraction with all it's fractional parts.

```
0
├───────────────────────────────────────────────────┤
```

Name:_____ Date:_____

2. Illustrate the whole number 3 as a fraction with all it's fractional parts.

0

3. Illustrate the whole number 7 as a fraction with all it's fractional parts.

0

4. Illustrate the whole number 9 as a fraction with all it's fractional parts.

0

5. Illustrate the whole number 4 as a fraction with all it's fractional parts.

0