

Name: \_\_\_\_\_

## Harry Potter Arithmetic



How many halves are in the following whole numbers?

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

$$2 =$$

$$3 =$$

$$6 =$$

How many thirds are in the following whole numbers?

$$1 =$$

$$2 =$$

$$3 =$$

$$5 =$$

How many quarters are in the following whole numbers?

$$1 =$$

$$2 =$$

$$3 =$$

$$7 =$$

**Time for some spell work! The students of Hogwarts are reading their spell books, but they need help converting their fractions... can you help them?**

*Accío!*

*To cast this spell, make  $1 \frac{1}{4}$  circle turns clockwise with your wand. How many quarter turns will you make?*



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*Expelliarmus!*

*To cast this spell, make  $1 \frac{2}{3}$  circle turns anti-clockwise with your wand. How many thirds is this?*



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*Aguamenti*

*To cast this spell, make 2 whole circle turns anti-clockwise with your wand. How many fifths is this?*

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**Oops, Ron Weasley has managed to turn out all the lights in the castle, but he's not sure how! Help him figure out what spell he cast using the code on the left...**

$$1 \frac{1}{3} = M$$

$$2 \frac{2}{3} = X$$

$$2 \frac{1}{4} = N$$

$$1 \frac{5}{6} = O$$

$$1 \frac{2}{5} = L$$

$$3 \frac{1}{2} = P$$

$$\frac{9}{4} \frac{11}{6} \frac{8}{3}$$

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