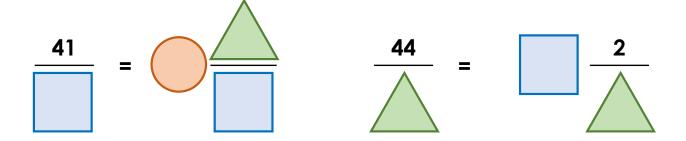
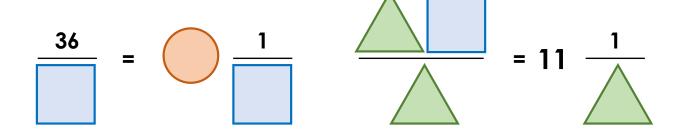
Improper Fractions to Mixed Numbers

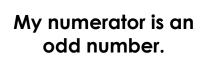
1. Explore the values of the square, the circle and the triangle.





2. Jack is thinking of an improper fraction. He gives you some clues to help you to work out what it could be. He then converts it to a mixed number.

My denominator is less than 10 but greater than 5.



The digit sum of my numerator is even.

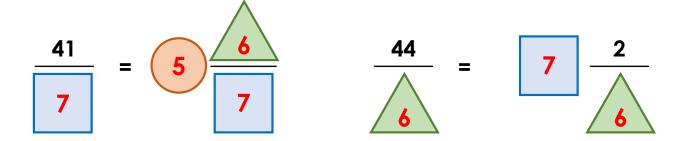
My denominator is a multiple of 3.

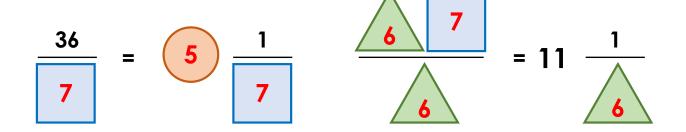
Investigate the possible mixed numbers he could have.

DF

Improper Fractions to Mixed Numbers

1. Explore the values of the square, the circle and the triangle.





Square = 7, circle = 5, triangle = 6

2. Jack is thinking of an improper fraction. He gives you some clues to help you to work out what it could be. He then converts it to a mixed number.

My denominator is less than 10 but greater than 5.

My numerator is an odd number.

The digit sum of my numerator is even.

My denominator is a multiple of 3.

Investigate the possible mixed numbers he could have.

Various answers, for example $\frac{71}{6} = 11 \frac{5}{6}$.

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