## Magic Flowers

Names: \_

A flower is **magic** when each group of numbers in a line has the same sum.

## 4-Petaled Magic Flowers

Using the numbers 1, 2, 3, 4, and 5 (each exactly once), record the different magic flowers you find.

Try to have each flower you record have a different center.



Which number(s) **can** be in the center of a 4-petaled magic flower?

Which number(s) **cannot** be in the center of a 4-petaled magic flower?

A flower is **magic** when each group of numbers in a line has the same sum.

## **6-**Petaled Magic Flowers

Using the numbers 1, 2, 3, 4, 5, 6 and 7 (each exactly once), record the different magic flowers you find.

Try to have each flower you record have a different center.



Which number(s) **can** be in the center of a 6-petaled magic flower?

Which number(s) **cannot** be in the center of a 6-petaled magic flower?

A flower is **magic** when each group of numbers in a line has the same sum.

## 8-Petaled Magic Flowers

Using the numbers 1, 2, 3, 4, 5, 6, 7, 8, and 9 (each exactly once), record the different magic flowers you find.

Try to have each flower you record have a different center.



Which number(s) **can** be in the center of a 8-petaled magic flower?

Which number(s) **cannot** be in the center of a 8-petaled magic flower?