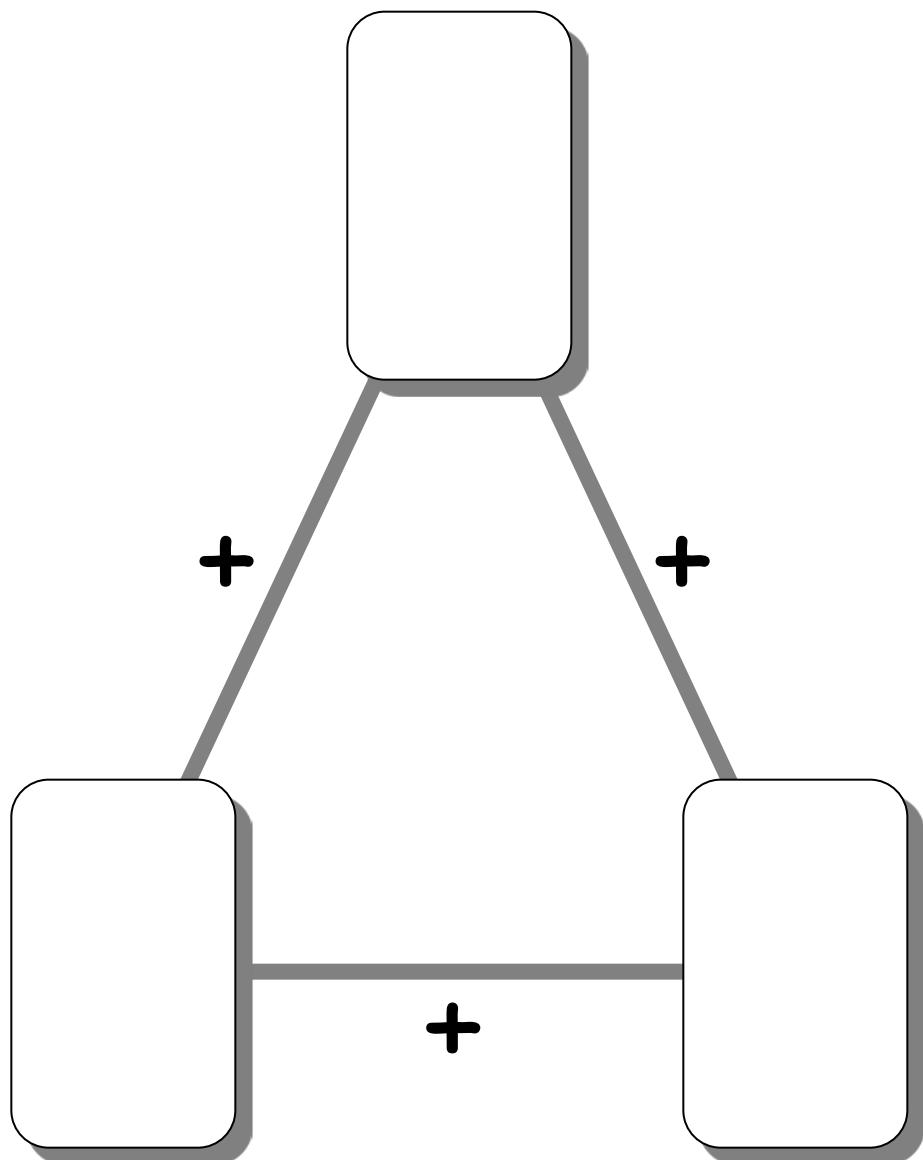


Even Domino Triangle

All the dominoes have an even numbers of dots.
Make 3 different totals
that use this rule



What do you notice about
the totals?

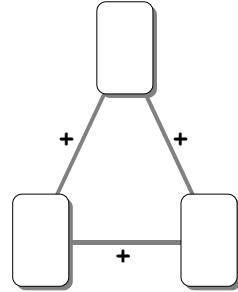
Even Domino Triangle

Observe how your child selects the dominoes. Some children will:

- use the smallest/largest possible number of dots on each domino (confidence with number),
- select only dominoes that have an even number of dots on each half (not realizing that two odd numbers also give an even number of dots),
- count all the dots on all dominoes (limited use of count on or addition strategies and possibly no indication of subitizing),
- use known number facts to select dominoes to use.

Even Domino Triangle

All the dominoes have an even numbers of dots. Make 3 different totals that use this rule



What do you notice about the totals?

© 2003 Natural Maths

Encourage your child to generalize or hypothesize by asking:

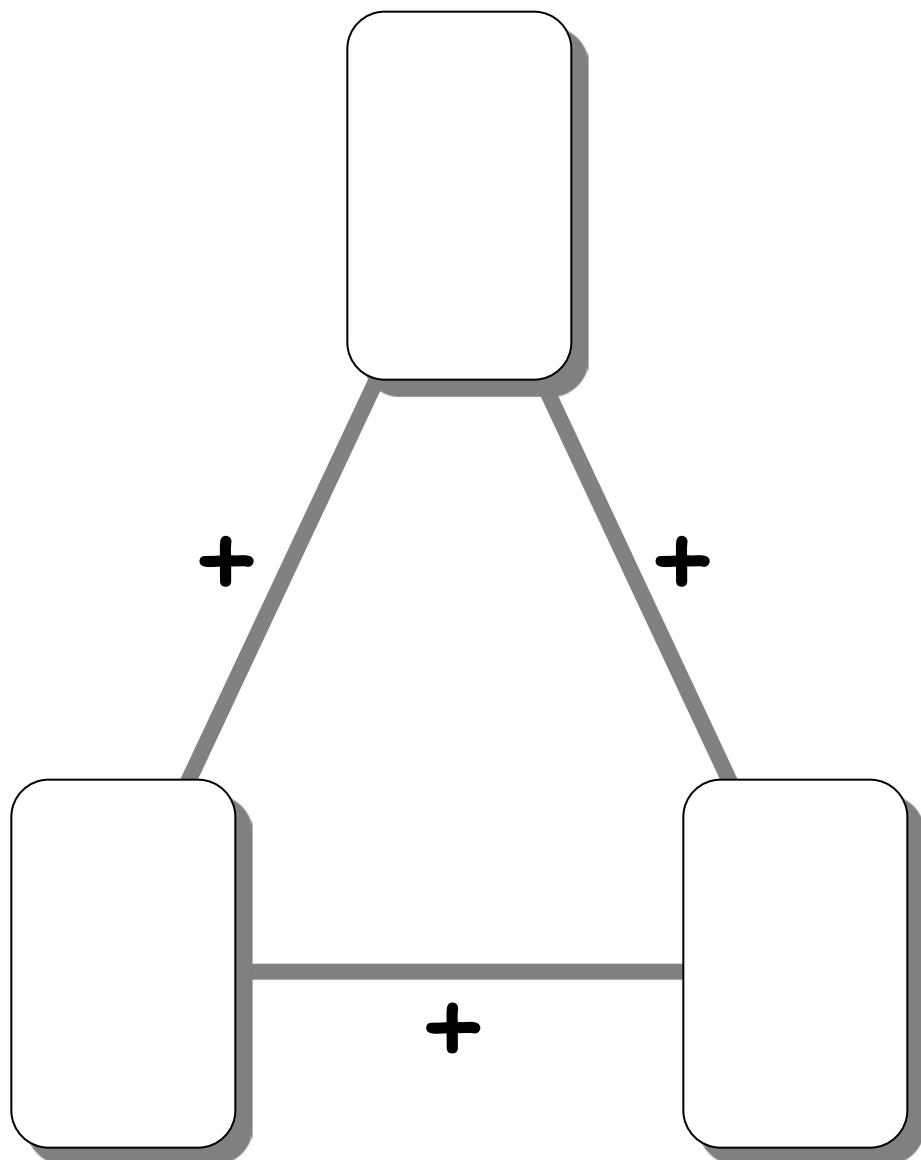
“Will you always get an even answer when you add two even numbers together?”

Allow time for your child to investigate, record and prove their answer.

Challenge your child to find a triangle with even sides using an odd number of dots on each triangle if they haven’t already done so.

Odd Domino Triangle

All the dominoes have an odd numbers of dots.
Make 3 different totals
that use this rule



What do you notice about
the totals?

Odd Domino Triangle

Observe how your child selects the dominoes. Some children will:

- use the smallest/largest possible number of dots on each domino (confidence with number),
- select only dominoes that have an odd number of dots on each half (not realizing that two odd numbers of dots will not give a total that is an odd number),
- count all the dots on all dominoes (limited use of count on or addition strategies and possibly no indication of subitizing),
- use known number facts to select dominoes to use,
- use the information gathered from working with an even number of dots when working on this triangle.

Odd Domino Triangle

All the dominoes have an odd numbers of dots. Make 3 different totals that use this rule

What do you notice about the totals?

© 2003 Natural Maths

Encourage your child to generalize or hypothesize by asking:

“What did you notice about the dots on each half of the dominoes that you used?”

“Will you always get an odd number when you add an odd and an even number together?”

Allow time for your child to investigate, record and prove their answers.

Challenge your child to investigate what different triangles they can make that meet the odd total rule.