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Try to Go Home

Materials:

Game board (see page 97)
Marker (pawn, chip or other counter)
Number cube (die)

Helpful Hints:

Sometimes participants try to play this game with two markers. Remind participants that they are sharing one marker in this activity.

Maths Concepts in Action:

Try to Go Home **is an activity that reinforces one-to-one correspondence for young students. Students count the number of dots shown on the number cube and count that number of spaces to move on the board. By actively taking part in many experiences with one-to-one correspondence, young students build important foundations in understanding and representing numbers.**

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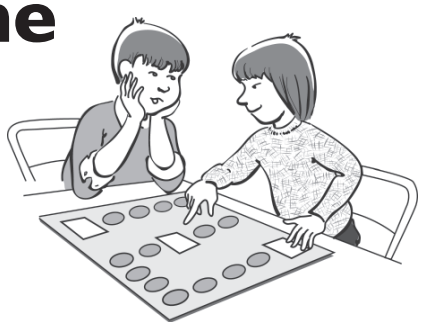
Try to Go Home



***Directions*:**

1. **Place one marker on the centre spot of the game board.**
2. **The first (youngest) player rolls the number cube and moves towards her/his "Home" spot.**
3. **The second player rolls the number cube and moves using the same marker towards her/his "Home" spot.**
4. **Play continues until a player reaches her/his "Home" spot.**

Questions Parents Can Ask:

Who is closer to the "Home" spot?

How many more spaces do you need to go?

How likely is it that someone will roll a six?

Challenge:

Try using the sum of two number cubes to find the number of spaces to move each turn.

A Handful of Handshakes

Materials:

Manipulatives to represent the people in the story problem

Helpful Hints:

Post possible diagrams or lists that could be used to solve this type of problem. For example, if there were four people at the party the diagram may include four circles with lines drawn from each, representing the four people and the six handshakes.

Maths Concepts in Action:

A Handful of Handshakes **presents an algebra problem that encourages students to represent problem situations through diagrams, lists and models. Students organise and analyse information to find and explain the solution.**

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A Handful of Handshakes

***Directions*:**

1. **Draw a diagram, make a list or use a model to find the answer.**

EIGHT PEOPLE MEET AT A PARTY. EVERYONE SHAKES HANDS ONCE WITH EVERY OTHER PERSON. HOW MANY HANDSHAKES WILL THERE BE?

2. **Explain the strategy you used to solve this problem.**

Questions Parents Can Ask:

***How can you keep track of who has and who has not shaken hands?**

***What strategy are you using?**

***What if there were only six people at the party?**

Challenge:

Try different amounts of people at the party. Look for patterns that will help you predict the number of handshakes.