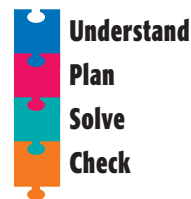


Problem Solving Strategy

Draw a Picture

NCTM Standards 1, 2, 6, 7, 8, 9, 10



- 1 Jessica looked at the thermometer every three hours and recorded how the temperature changed. At 6:00 A.M., the temperature was -10°C . At 9:00 A.M., it was 9° warmer. At noon, it was 3° warmer than at 9:00. At 3:00 P.M., it was 5° colder than at noon. At 6:00 P.M., it was 8° colder than at 3:00.

What was the temperature at 6:00 P.M.? _____

- 2 Ian and Jenwa played a card game in which you score points for combinations of cards and lose points for cards left in your hand. They played 6 rounds. Here is their score sheet:

	Ian	Jenwa
Round 1	6	-4
Round 2	-7	6
Round 3	5	-3
Round 4	-4	-5
Round 5	-6	9
Round 6	3	-5

What was Ian's final score? _____

What was Jenwa's final score? _____

Who had the higher final score? _____

- 3 A snail fell down a hole and is crawling up to the surface. Every day the snail crawls up 3 feet, but every night it slides back down 2 feet. On Monday morning, the snail is 5 feet under ground.

On what day will the snail get out of the hole? _____