Part A

1. On Saturday, Jesse plays basketball for 3 hours. Then he plays some more. He plays 2 1/2 hours in all. How much longer did Jesse play basketball?

2. Cindy has 10 jars of paint. One jar is 3 1/2 full. The other jar is 2 1/2 full. Use the fractions to write an equation that shows the amount of paint Cindy has.

3. On Monday, Erin measures 3 inches of snowfall. It snows some more that day. By 4 o'clock, there are 3 1/2 inches of snow. How many more inches of snow fell?

Part B

1. 3 hours: Possible explanation: The model represents 3 hours played basketball. The shaded parts represent the total time Jesse played basketball. The five remaining shaded parts represent the additional time he played.

2. 4 hours; 2 1/2 = (1 + 1) = 3 + 2 1/2 = 4

3. Mindy plans to plant a garden in 1/2 of her garden and peas in 1/6 of her garden. What fraction of the garden is filled with beans or peas?

Part C

1. On Tuesday, it snowed an additional 2 1/2 inches. How many total inches of snow fell on Monday and Tuesday? Show your work.