Extra Practice 7 – Master 7.29

Lesson 7

**1. a)** Spinners will vary. For example, a spinner could have 12 parts: 7 green, 2 red, 2 purple and 1 orange.

**b)** For example, green: 25, red: 7, purple: 5, orange: 3

**c)** Our results were close to what we expected because green came up most often and red and purple were nearly equal. Orange was the least likely and it came up only 3 times.

**2. a)** For example, the bag could include 8 yellow tiles, 2 green tiles,1 red tile and no blue tiles.

**b)** For example: yellow: 17, green: 4, red: 1.

**c)** The results match our predictions because yellow was pulled often, red and green a few times, and blue never.

**3. a)** Designs will vary. For example, the bag could include the 6 spades, 3 clubs,
1 diamond, and 0 hearts.

**b)** For example, 20 spades, 8 clubs,
2 diamonds

**c)** For example, 18 spades, 9 clubs,
3 diamonds.

**d)** The results of the second experiment were slightly different because of chance. Both sets of results match the statements because we pulled spades more often than all the other cards. We didn’t pull any hearts.