

# Probability

## Skill 2 - 26D

### Problem Solving: Combinations

**Directions:** Answer the following word problems.

1. John is playing a game. He wants to see how many 2-digit numbers he can make from the numbers 2, 6, and 7. Write the 2-digit numbers that John can make.

2, 6, 7

26

27

6?

6?

7?

7?

2. Chase is playing a game. He wants to see how many 2-digit numbers he can make from the numbers 1, 5, and 3. Write the 2-digit numbers that Chase can make.

1, 5, 3

1 \_\_

1 \_\_

5 \_\_

5 \_\_

3 \_\_

3 \_\_

3. Rose is playing a game. She wants to see how many 2-digit numbers she can make from the numbers 3, 5, and 8. Write the 2-digit numbers that Rose can make.

3, 5, 8

4. Marsha is playing a game. She wants to see how many 2-digit numbers she can make from the numbers 2, 3, and 6. Write the 2-digit numbers that Marsha can make.

2, 3, 6

Name \_\_\_\_\_

Date \_\_\_\_\_

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**Directions:** Answer the following word problems.

5. Susan is playing a game. She wants to see how many 2-digit numbers she can make from the numbers 2, 5, and 8. Write the 2-digit numbers that Susan can make.

2, 5, 8

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6. Grace is playing a game. She wants to see how many 2-digit numbers she can make from the numbers 1, 5, and 7. Write the 2-digit numbers that Grace can make.

1, 5, 7

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7. Owen is playing a game. He wants to see how many 2-digit numbers he can make from the numbers 4, 5, and 6. Write the 2-digit numbers that Owen can make.

4, 5, 6

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8. Kevin is playing a game. He wants to see how many 2-digit numbers he can make from the numbers 3, 6, and 7. Write the 2-digit numbers that Kevin can make.

3, 6, 7

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Answer Key  
Skill 2 - 26D

1.

26	27	62	67	72	76
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2.

15	13	51	53	31	35
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3.

35	38	53	58	83	85
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4.

23	26	32	36	62	63
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5.

25	28	52	58	82	85
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6.

15	17	51	57	71	75
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7.

45	46	54	56	64	65
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8.

36	37	63	67	73	76
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