

**Algebra****Find a rule for the set of cards.**

1

FRONT	BACK	FRONT	BACK	FRONT	BACK
7	21	8	24	9	27

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2

FRONT	BACK	FRONT	BACK	FRONT	BACK
28	7	36	9	16	4

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3

FRONT	BACK	FRONT	BACK	FRONT	BACK
18	11	23	16	31	24

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**Problem Solving****Use a strategy and solve.**

- 4 A small pool holds 500 gallons of water. It takes 1 minute to put 5 gallons of water into the pool. How long, in hours and minutes, will it take to fill the pool? \_\_\_\_\_
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- 5 Four boys and 4 girls volunteer for a committee that will have 1 boy and 1 girl. How many different committees are possible? \_\_\_\_\_
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