Student Handout

Binary Practice

Under the cards, write whether to turn them *on* or *off* so that the *on* cards add to the specified number.
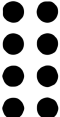
Example: 21

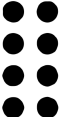| 16	8	4	2	1
ON	OFF	ON	OFF	ON
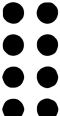
18

16	8	4	2	1

7
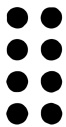
16	8	4	2	1

25

16	8	4	2	1

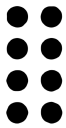This time, write 1 when a card is on and 0 when a card is off.
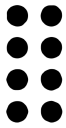
Example: 21

16	8	4	2	1
1	0	1	0	1
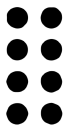
7

16	8	4	2	1
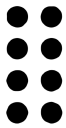
29

16	8	4	2	1

3

16	8	4	2	1

18

16	8	4	2	1