2.1 Representing Integers

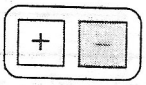
Quick Review

At Home / At School

➤ You can use tiles to represent integers.

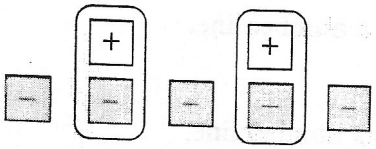
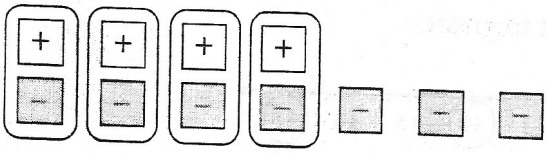
represents +1.

represents –1.



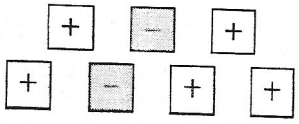
This is a zero pair.

Here are 3 ways to model –3.

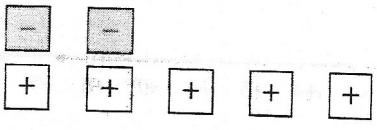
- 
- 
- 

Each set models –3.

➤ Write the integer modelled by these tiles.

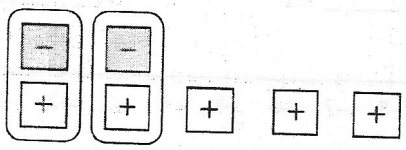


Arrange the tiles in rows.



There are 3 [+] tiles left. They model +3.

Circle the zero pairs.



Practice

1. Write the integer modelled by each set of tiles.

a) _____ [+] [+] [+] [+]

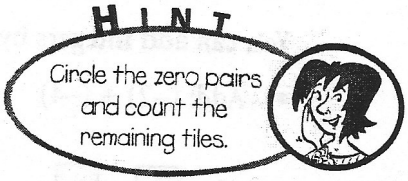
b) _____ [−] [−] [−] [−] [−]

c) _____ [+] [+] [+] [−] [−]

d) _____ [+] [−] [−] [−] [−]

e) _____ [+] [+] [+] [−] [−] [−] [−]

f) _____ [+] [+] [+] [+] [+] [+] [−]



2. Draw tiles to model each integer.

a) +2

b) +5

c) −1

d) −3

e) +8

f) −7

3. Use tiles representing +1 and tiles representing −1.
Draw tiles to model +2 two more ways.

[+] [+] [+] [+]
[−] [−]

4. Explain why you cannot model +2 using three tiles.

_____

_____

_____

_____