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5. Which ~~in~~ write the negatives of the following numbers.

(a) $-12 = +12$

(b) $6 = -6$

(c) $0 = 0$

(d) $-7 = +7$

(e) $-4 = +4$

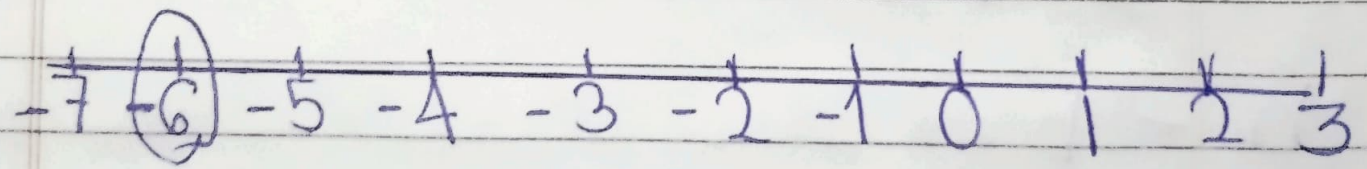
(f) $-10 = +10$

(g) $8 = -8$

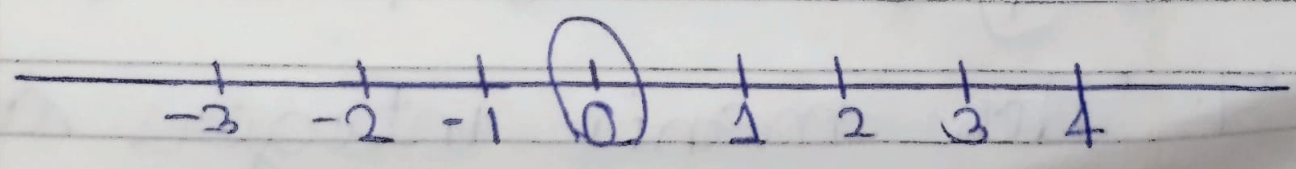
(h) $4 = -4$

6. Mark the following integers on a number line.

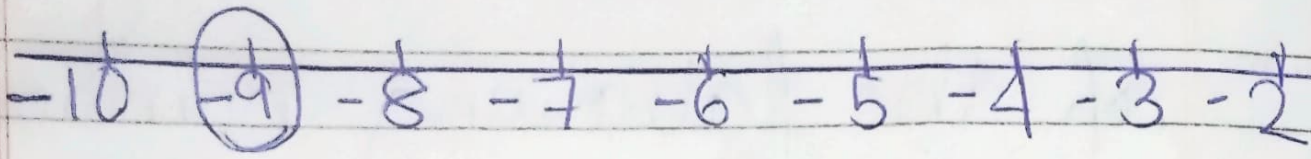
(a) -6



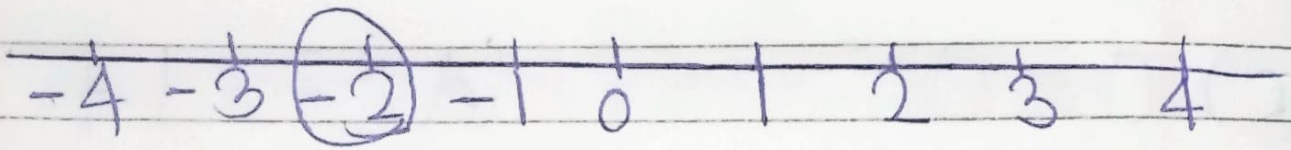
(b) 0



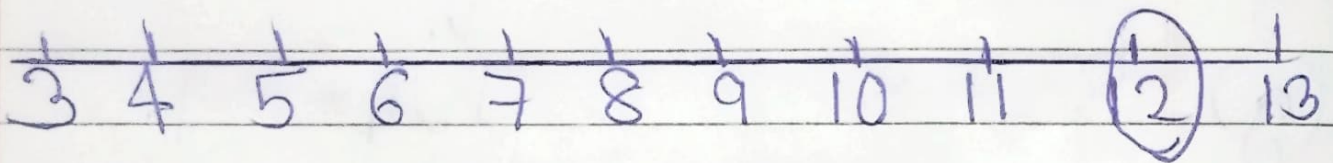
(c) -9



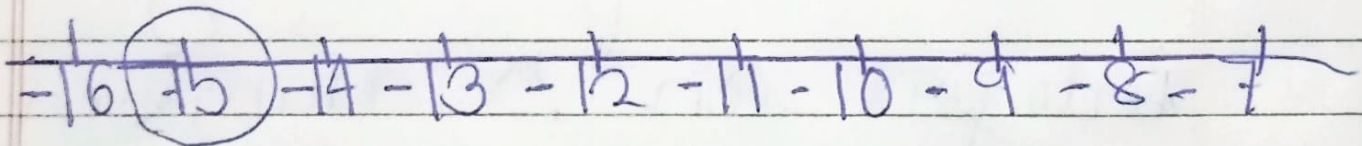
(d) -2



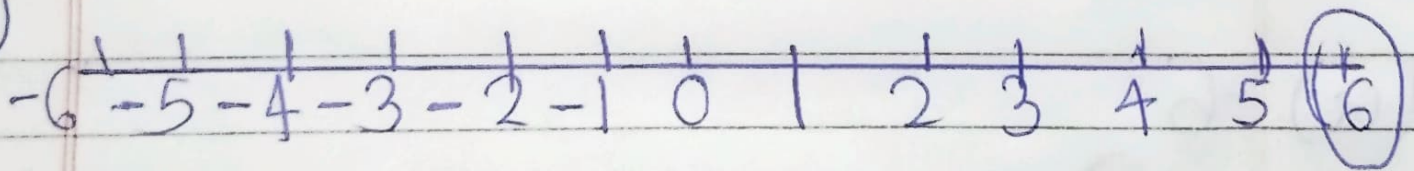
(e) 12



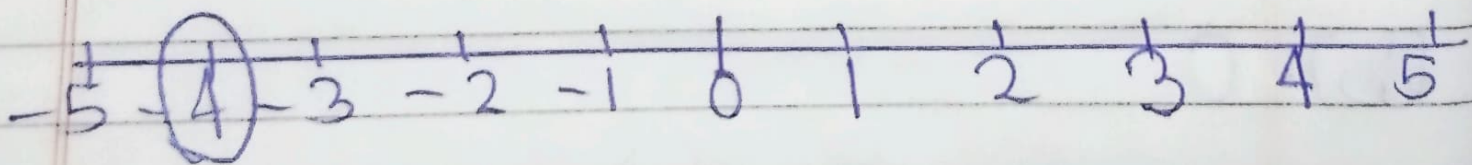
(f) -15



(g) 6



(h) -4



7. Show many integers are

between the following ?

(a) -5 and $2 = 6$ integers

(b) 4 and $11 = 6$ integers

(c) -3 and $-10 = 6$ integers

(d) -5 and $+5 = 9$ integers

8. Write all the integers the following.

(a) ~~-7~~ and -7

Ans: $-1, 0, 1, 2, 3, 4, 5, 6, 7$

(b) -4 and $+4$

Ans: $-3, -2, -1, 0, +1, +2, +3, +4$

(c) 0 and -5

Ans: ~~$1, 2, 3$~~ , $-4, -3, -2, -1$

(d) 2 and 9

Ans: 3, 4, 5, 6, 7, 8

9. Indicate the following by using integers.

(a) A loss of ₹ 90 = -90

(b) A profit of ₹ 48 = +48

(c) 5 km above ground level = +5

(d) 2 km below water level = -2

(e) 22° above zero = +22

(f) 3° below zero = -3

10. Find the opposite of each of the following.

(a) A profit of ₹ 700 =

a. A loss of ₹ 700

b. $-13 = +13$

c. $27 = -27$

d. going south - going north

e. A loss of ₹ 500 = A

profit of ₹ 500

f. Decrease in population =

Increase in population

g. Crediting money in bank

= withdrawing money in
bank

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7. How many integers are between the following?

(e) 0 and $-6 = 5$ integers

(f) -4 and $+4 = 7$ integers

8. Write all integers

between the following:

(e) -1 and 5

Ans: $0, 1, 2, 3, 4$

(f) 0 and 10

Ans: $1, 2, 3, 4, 5, 6, 7, 8, 9$