Multiply by Adding Equal Groups (9.A.1)

Date : _____

Q.1) Write an addition sentence and a multiplication sentence.

(a)

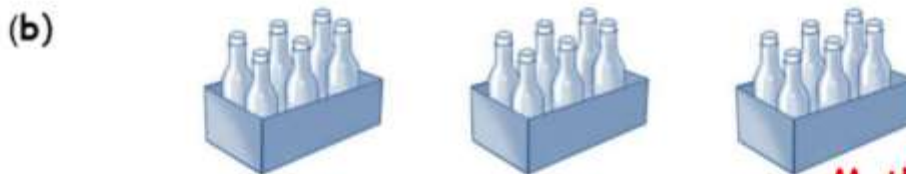

6 groups of 4

4 + 4 + 4 + 4 + 4 + 4 = 24

6 × 4 = 24

groups x items = product

(b)

3 groups of 6

6 + 6 + 6 = 18

3 × 6 = 18

groups x items = product

(c)

4 groups of 3

3 + 3 + 3 + 3 = 12

4 × 3 = 12

groups x items = product

Q.2) Look at each number line.

Fill in the blanks.

3   3   3   3   3   3

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

$3 \times 6 = \underline{18}$

4   4

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

$\underline{4} \times 2 = 8$

2   2   2   2   2

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
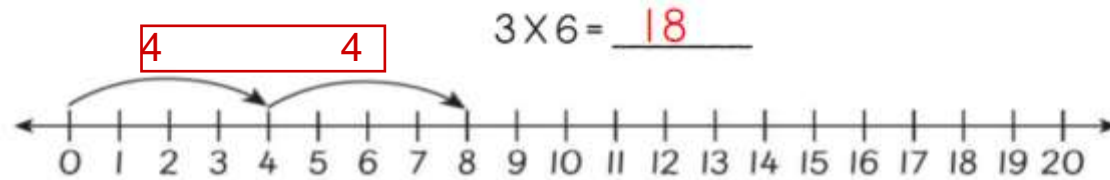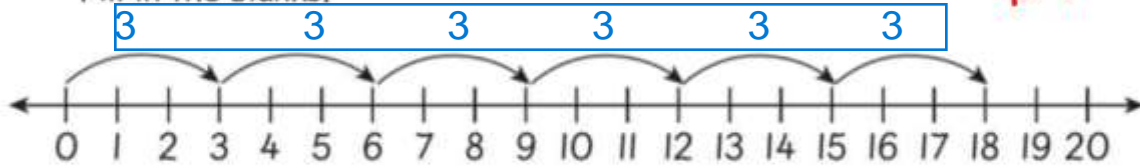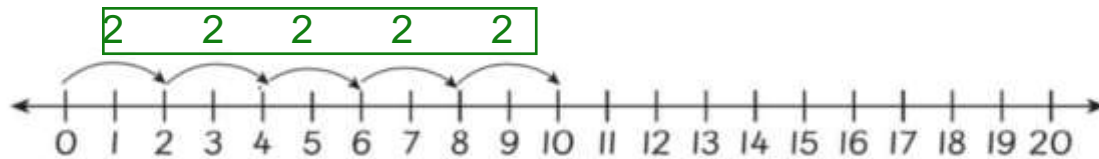
$2 \times 5 = \underline{10}$

Q.3) Mr. Ronald has 4 children.

He gives each of them 3 toy cars.

4 + 4 + 4 = 12

I need to buy 12 toy cars.

His equation is wrong.

How can you correct it? __$3 + 3 + 3 + 3 = 12$__

1st child takes 3
2nd child takes 3
3rd child takes 3
4th child takes 3

so we repeated
3 toys 4 times