Multiplication

Worksheet A

Multiply by Adding Equal Groups

Level 1 Level 2 Level 3
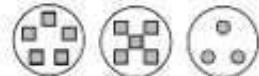
> If you are not sure, you can refer to Student's Book pages 108 to 110.

1 Tick the equal groups.

A: ☐

B: ✓

C: ✓

What is the same about the equal groups?

Explain your answer.

There are equal number of items in each group.

2 Caz and Eddy both think that they have 3 equal groups of 2.

Caz: Eddy:

Who is incorrect?

Explain why.

Caz is incorrect because she has 2 equal groups of 3 strawberries and not 3 equal groups of 2 strawberries. She has 3 + 3 = 6 strawberries and not 2 + 2 + 2 = 6 strawberries.

3 Look at the pictures below.

Show the total number of items in four different ways.

a

Ron says: This can also be written as 3 + 3 = 6. Is Ron correct? Why do you say so?

There are ___3___ groups of ___2___.

___2___ + ___2___ + ___2___ = ___6___

___3___ twos = ___6___

___2___ × ___3___ = ___6___

b
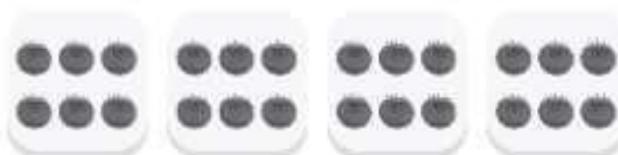
There are ___4___ groups of ___6___.

___6___ + ___6___ + ___6___ + ___6___ = ___24___

___4___ sixes = ___24___

___6___ × ___4___ = ___24___

4 Look at each number line.

Fill in the blanks.

a

$2 \times 9 =$ ___18___
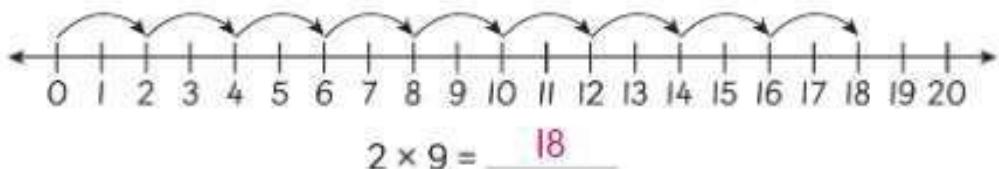
Level 1 **Level 2** Level 3

b

___4___ × 5 = 20

c

$$\underline{\quad 3 \quad} \times 2 = 6$$
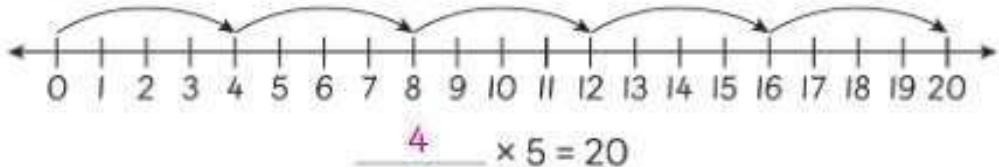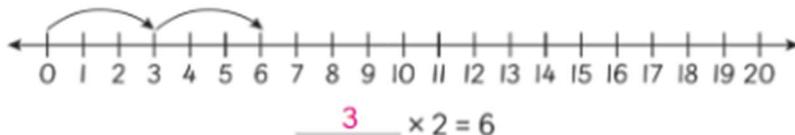
d What is 3 × 5?

Draw jumps on the number line to help you.

Then fill in the blank.

$$3 \times 5 = \underline{\quad 15 \quad}$$
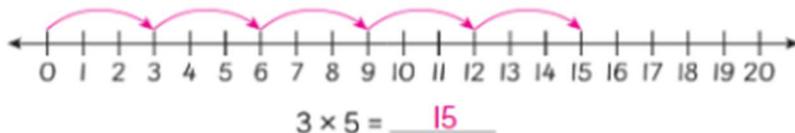
5 Ali has 4 groups of 8 marbles.

Draw to complete the picture.
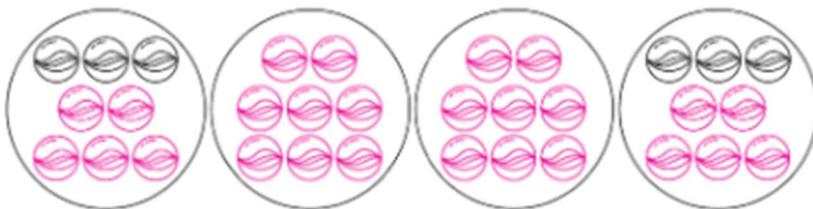
a Explain how you complete the picture.

Draw 5 marbles in the 1st group and the 4th group, and
8 marbles in the 2nd and the 3rd group.

b Fill in the blanks.

$$\underline{\quad 8 \quad} + \underline{\quad 8 \quad} + \underline{\quad 8 \quad} + \underline{\quad 8 \quad} = \underline{\quad 32 \quad}$$

$$\underline{\quad 8 \quad} \times \underline{\quad 4 \quad} = \underline{\quad 32 \quad}$$