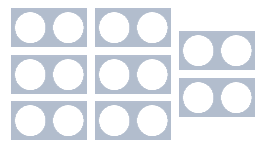# The Multiplication Symbol
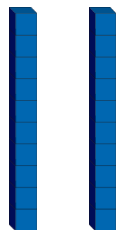
1. Complete the sentences and calculations below.

There are ☐ equal groups with ☐ in each group.

☐ + ☐ + ☐ = ☐

☐ x ☐ = ☐

VF

4. Kyle is comparing groups.

2 + 2 + 2 + 2 + 2 + 2 + 2 + 2   <   2 x 10

Is he correct? Explain why.

R

2. Match each repeated addition to the correct multiplication.

2 + 2 + 2 + 2 + 2   4 x 3

9 + 9 + 9   3 x 9

7 + 7 + 7   5 x 2

3 + 3 + 3 + 3   3 x 7

VF

5. There are 3 bags of marbles. Each bag holds 6 marbles.

Tom: The multiplication for this problem is 3 x 6.

Zara: The repeated addition for this problem is 6 + 6 + 6.

Who is correct? Prove it.

R

3. Draw the multiplication story below.

Mrs Hadley has 4 bags with 5 apples in each bag.

VF

6. Use the digit cards to complete the comparison statement.

2   3   5   10

3 + 3 + 3 + 3 + 3 < ☐ x ☐

Find 3 possible answers.

PS

The Multiplication Symbol

1. There are <u>3</u> equal groups with <u>4</u> in each group; 4 + 4 + 4 = 12; 3 x 4 = 12

2.

2 + 2 + 2 + 2 + 2	→	4 x 3
9 + 9 + 9		3 x 9
7 + 7 + 7		5 x 2
3 + 3 + 3 + 3		3 x 7

2 + 2 + 2 + 2 + 2 → 5 x 2
9 + 9 + 9 → 3 x 9
7 + 7 + 7 → 3 x 7
3 + 3 + 3 + 3 → 4 x 3

3. Children to draw 4 groups with 5 in each group.

4. Kyle is correct. 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16; 2 x 10 = 20. 16 is less than 20.

5. They are both correct. The number story describes 3 groups of 6. Both the multiplication and repeated addition show 3 groups of 6. Each representation totals 18.

6. Various answers, for example: 2 x 10 = 20; 3 x 10 = 30; 10 x 5 = 50