

Addition and subtraction:

Use the pictures to help you.

$5 + 12 =$



$19 - 14 =$



$8 + 10 =$

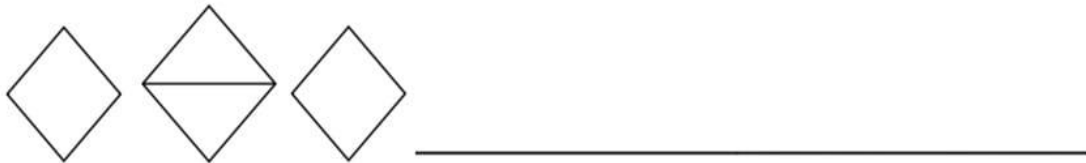
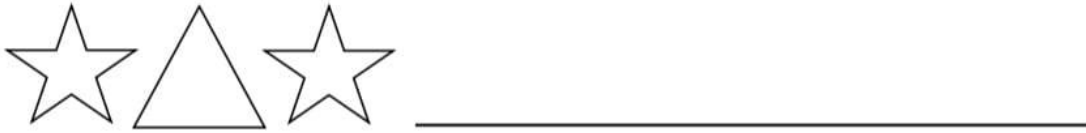


$15 - 11 =$



- A pattern is something that repeats itself.
A geometrical pattern consists of pictures or shapes that repeats itself.

Complete the following geometrical patterns:



Now design your own pattern:

Doubling is when you put double the number
(adding the same amount ~~again~~) e.g.

I have 4. I add another 4 \longrightarrow $4 + 4 =$

Now I have 8!

Double the following numbers:

1. $13 =$ _____

2. $8 =$ _____

3. $10 =$ _____

4. $15 =$ _____

5. $22 =$ _____

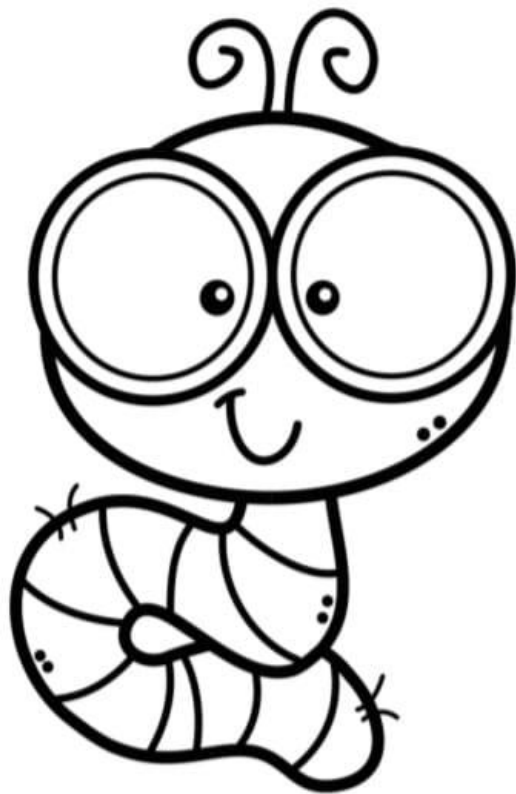
6. $12 =$ _____

7. $30 =$ _____

8. $7 =$ _____

9. $5 =$ _____

10. $14 =$ _____



Halving is when you divide the number into 2 e.g. I have 6. I divide it between 2
Each person will get 3!

Halve the following numbers:

1. 10 = _____

2. 8 = _____

3. 12 = _____

4. 4 = _____

5. 20 = _____



Solve the word problems by using the grouping method:

Fred has 22 cupcakes. He divides the cupcakes between himself and a friend. How many cupcakes will each get?



Susan divides 18 marbles between herself, Ben and Linda. How many will each get?



Complete the following number patterns:

(Remember to look for the pattern we are counting in and whether you must count forwards or backwards!)

1. 26, 27, 28, _____, _____, _____, _____

2. 68, 70, 72, _____, _____, _____, _____

3. 130, 120, 110, _____, _____, _____, _____

4. 30, 35, 40, _____, _____, _____, _____

5. 87, 86, 85, _____, _____, _____, _____

6. 95, 90, 85, _____, _____, _____, _____

7. 72, 71, 70, _____, _____, _____, _____

8. 46, 44, 42, _____, _____, _____, _____

9. 24, 34, 44, _____, _____, _____, _____

10. 57, 58, 59, _____, _____, _____, _____

11. 85, 90, 95, _____, _____, _____, _____

12. 41, 51, 61, _____, _____, _____, _____