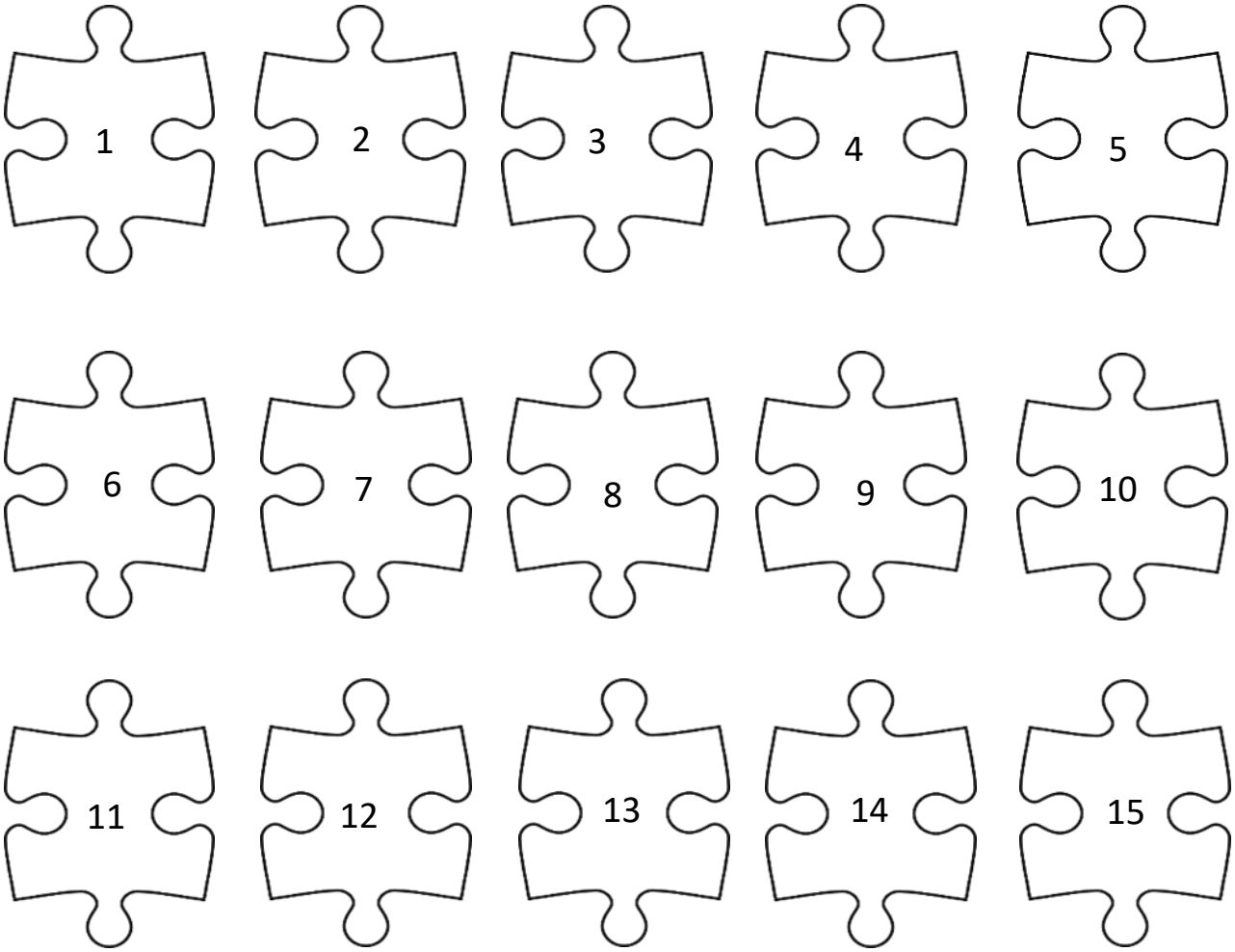
Activity 1

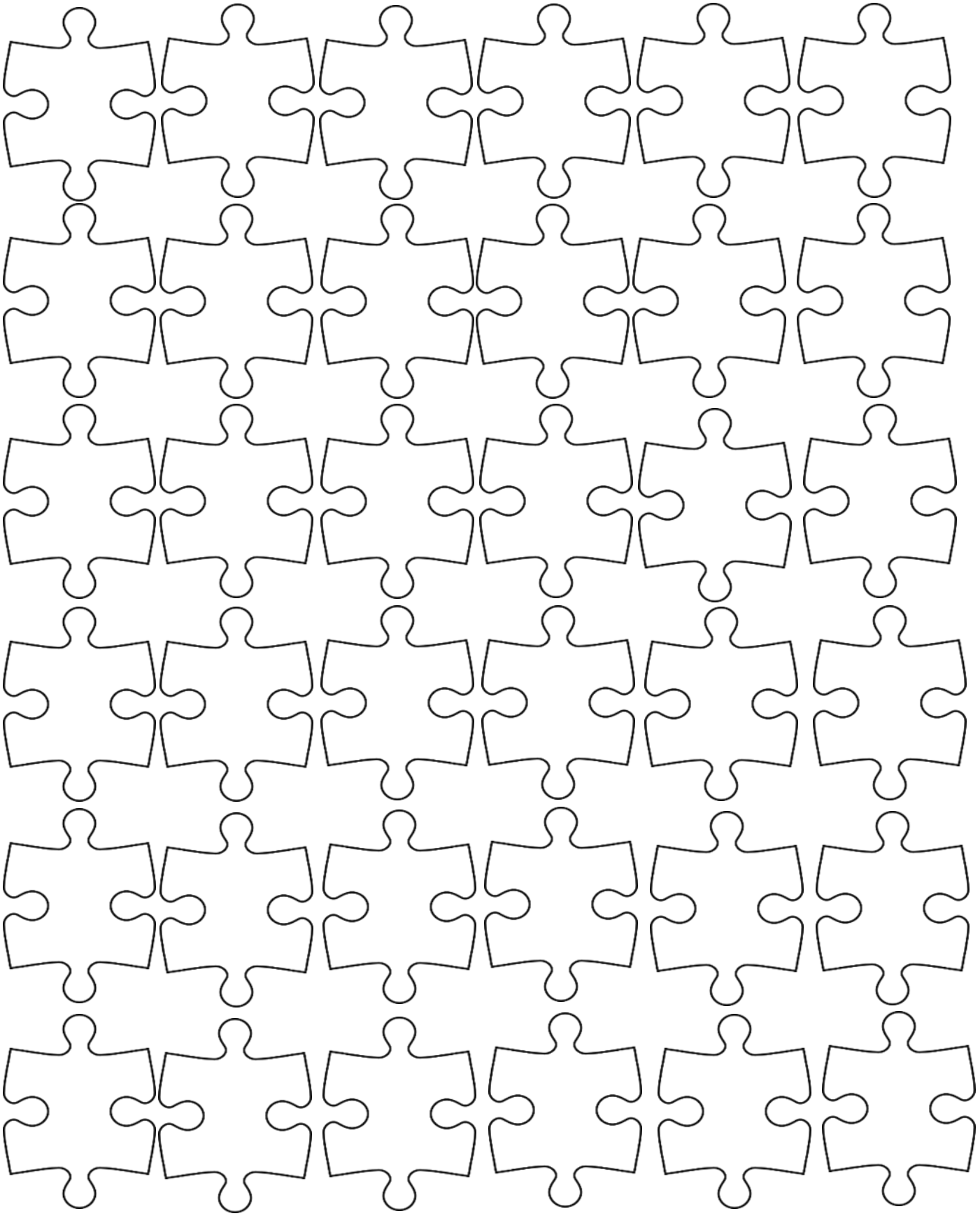
1.1 For this activity, three learners are needed in a group. Each learner must complete a task.

1.1.1 **Learner 1**: Draw the number of dots for the number on the puzzle piece and place the new puzzle piece on the right – hand side of the original puzzle piece.

1.1.2 **Learner 2**: Draw the number of dots for 1 less than the number on the puzzle piece and place the new puzzle piece above the original puzzle piece.

1.1.3 **Learner 3**: Draw the number of dots for 1 more than the number on the puzzle piece and put the new puzzle piece under the original puzzle piece.





1.2 For this activity, use the puzzle pieces from activity 1.1. The learners must use pieces 1 to 15 and to complete this task.

1.2.1 Group 1: Start with puzzle piece 5 and complete the pieces up to 12, by fitting the pieces together.

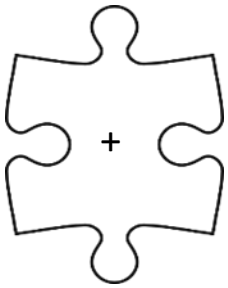
1.2.2 Group 2: Start with puzzle piece 7 and count back to 1 by fitting the pieces together.

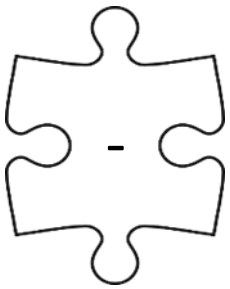
1.2.3 Group 3: Start with puzzle piece 10 and complete the pieces up to 15, by fitting the pieces together.

1.2.4 Group 4: Start with puzzle piece 1, counting every 2nd number and then to use that puzzle piece to fit the pieces together, up to 15.

1.2.5 Group 5: Start at puzzle piece 3, counting every 3rd number and then to use the correct puzzle pieces up to 15, to fit the pieces together.

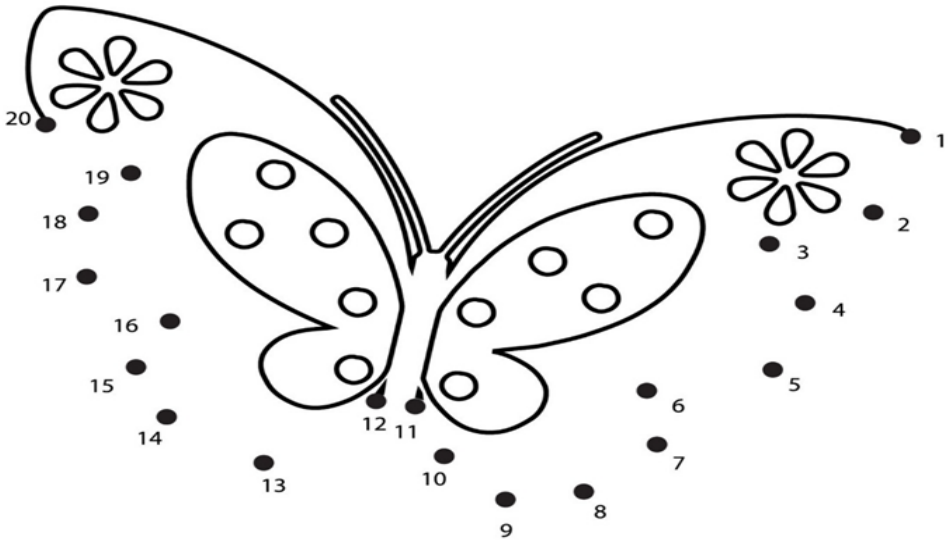
1.3 Use the puzzle pieces to add and subtract. For each correct answer, the learner gets a point. If a learner answers incorrectly, the next learner gets a turn, until everyone has had a chance to play. The learner with the most points wins. If there are more than one learner with the same points, they must get another turn until there is only one winner.





Activity 2

2.1 Draw the numbers from 1 to 20 in order, and colour the picture in.



2.2 What type of insect is in the picture?

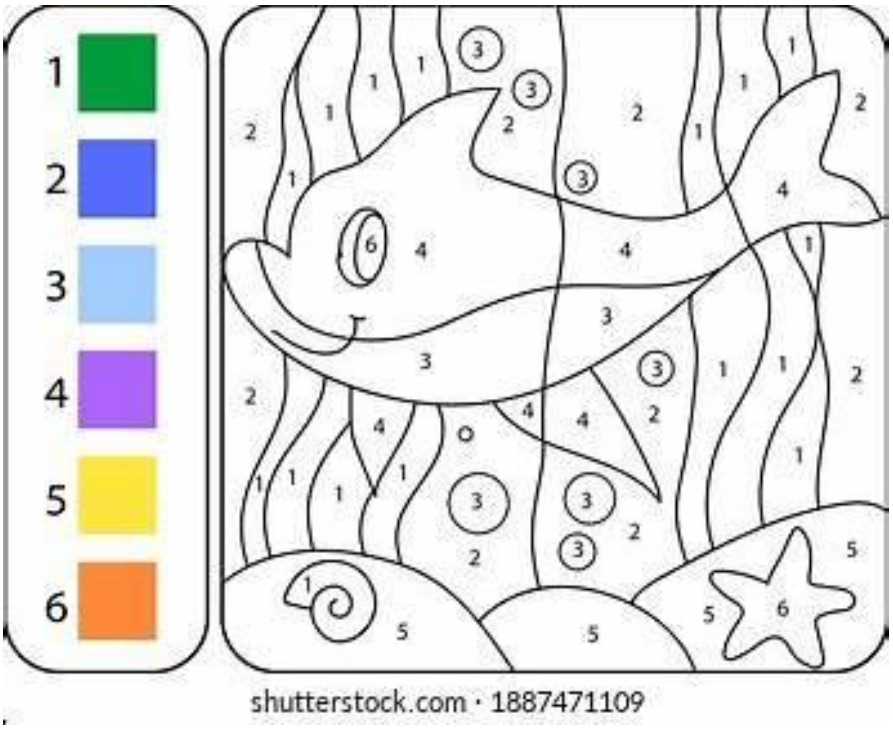
2.3 What number is after 13?

2.4 What number is before 18?

2.5 Add 6 and 7 together and write the answer.

Activity 3

Colour the picture according to the numbers and colours given.



3.1 What type of sea creature is this?

3.2 What colour is number 5?

3.3 Add 6 and 4 together and write down the answer.

3.4 Subtract 5 and 2 from each other. Write the answer?

3.5 How many number 3's are there in the picture?

3.6 What colour should number 3 be coloured?

3.7 Which number in the picture appears the most?

Activity 4

Match the first column with the second column by drawing straight lines to the correct answer.

Activity 5

5.1 Complete each table by filling in the missing numbers.

5.1.1

	1	2		4	5			8	

5.1.2

	10	11	12			15		17	

5.1.3

	2	4	6			12	14		18

5.1.4

	20	19		17		15		13	

5.2 Use the words longer than or shorter than, to describe the following pictures

5.2.1

is ……..than

5.2.2

is ……..than

5.2.3

is ……..than

5.2.4

is ……..than

Activity 6

6.1 Add the numbers and write the answers. Use counters to help you.

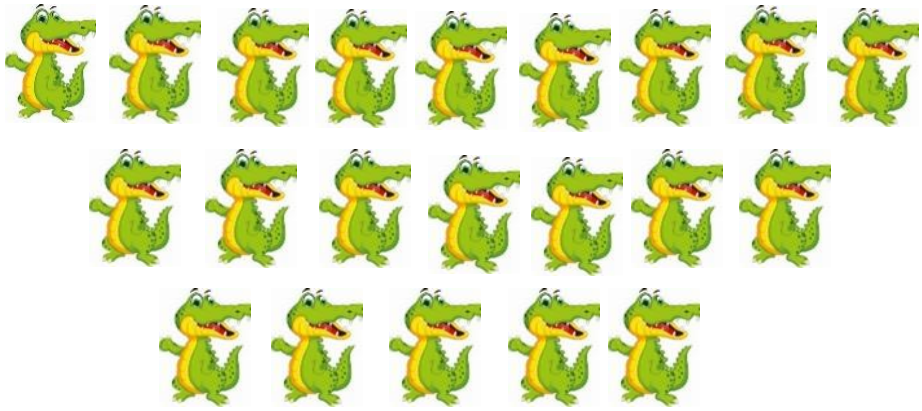
a) 5 + 4 =
b) 6 + 2 =
c) 3 + 6 + 1 =
d) 8 + 2 =
e) 5 + 3 =
f) 4+ 4 =
g) 3 + 2 + 5 =
h) 7 + 3 =
i) 5 + 2 + 1 =
j) 3 + 5 + 2=
k) 9 + 1 =
l) 7 + 1 =
m) 4 + 2 + 3 =

6.2 Subtract to find the answers. Use counters to help you.

a) 9 – 3 =
b) 10 – 5 =
c) 7 – 6 =
d) 15 – 8 =
e) 12 – 6 =
f) 14 – 4 =
g) 8 – 6 =
h) 7 – 3 =
i) 13 – 5 =
j) 16 – 4 =
k) 8 – 7 =
l) 8 – 2 =

6.3 Provide the answers for the questions that follow.

a) Make groups of 3. How many groups are there?



b) Make groups of 5. How many groups are there?

c) Make groups of 4. How many groups are there?

6.4 Provide the answers for the questions that follow.

a) Make groups of 3.

b) How many groups are there?
c) Are there any animals left that is not in a group?
d) How many pictures are needed to make another group of 3?
e) How many of the pictures can you take away, so that there is enough to make a full group of 3.
f) How many giraffes are there in total?

6.5 Repeat the pattern 3 times.

a)

b) Write the names of the forms in the pattern.

6.6 Use the forms above and make two new patterns.