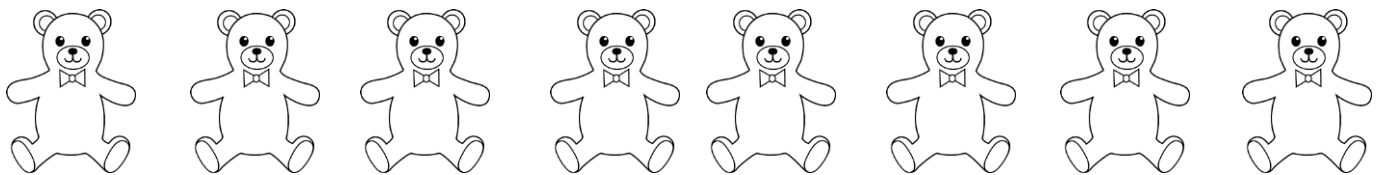
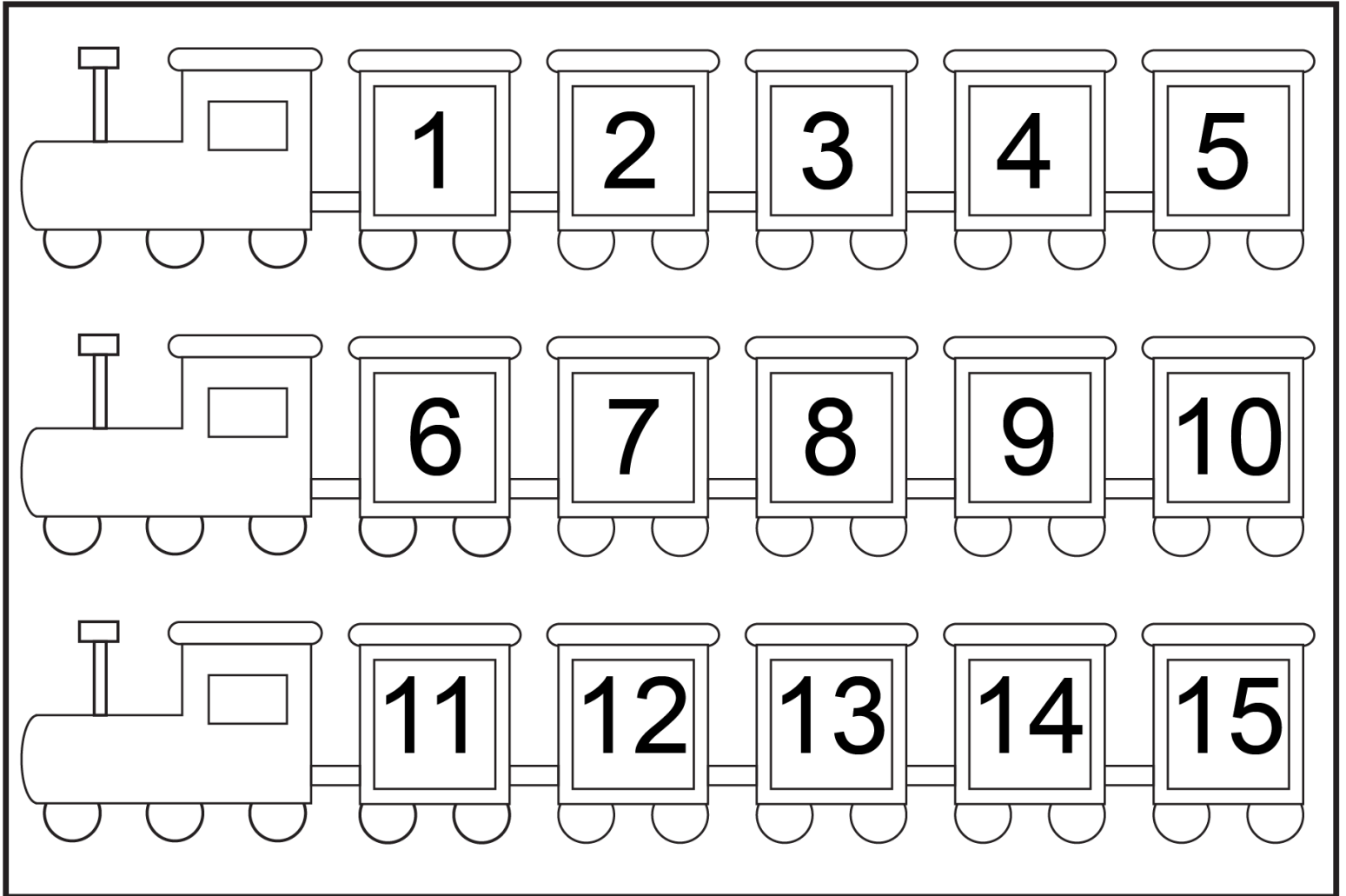


Year 1

Multiplication and Division

Resources needed: counters, pictures of train with carriages; cut-out pictures of teddies, 6-sided spinner



What will the students learn?

- The meaning of a group or set
- Finding how many objects are in a group
- Finding out the total of objects on several groups

Activity 1: What Comes in Groups?

Resource: counters

Ask the students what comes in groups, sets, in bunches, in packets? e.g. pencils, wheels, fruit, biscuits, people, birds.

Activity 2: Make 2 groups (Multiplication)

Resource: counters

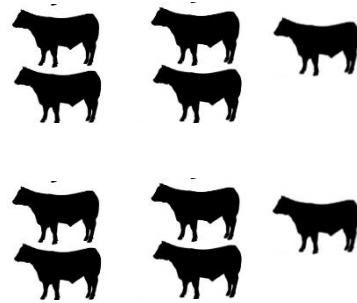
Tell the students to pretend that the counters are cows. Ask them to make a group of 5 cows.

Ask the students to make another group of 5 cows.

How many groups of cows? (2)

How many in each group? (5)

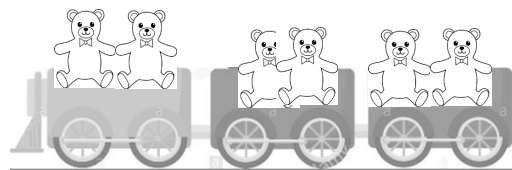
How many cows altogether? (10)



Activity 3: Train activity (Multiplication)

Resources: Pictures of train with carriages; cut-out pictures of teddies

Make a train with three carriages. Roll a die. Put that many teddies in each carriage. How many teddies on the train altogether? What is the total of teddies? Repeat with different numbers of teddies and carriages.



Activity 4: What Comes in 2s?

Resources: counters, pencils and paper

Ask the students “what comes in 2s (or pairs)?” e.g. socks, human legs, eyes, hands, bicycle wheels, slices of bread for a sandwich.

Make a list or draw pictures of items that come in pairs.

Ask, “Show me what 5 pairs of shoes would look like, using counters.” Count in twos.

Activity 5: Teddies and their Legs (multiplication)

Resources: Pictures of teddies

Use pictures of teddies. Hand out a different number of teddies to each student.

Ask, “How many legs altogether?” “How many lots of 2?”

Repeat several times by giving students a different number of teddies.

Activity 6: Teddies and their Arms

Resources: Pictures of teddies, spinner

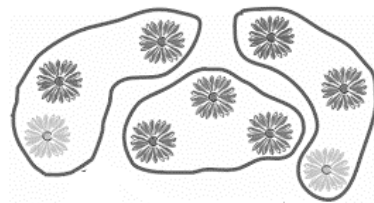
Use a 6-sided spinner with the numbers 4, 6, 8, 10, 12 and 14. Ask students to spin and read the number. Show them the teddies. Explain that the number on the spinner tells us the number of teddy’s arms. Ask them to collect the number of teddies needed to make that number of arms. Repeat.

Activity 7: Making groups

Ask the students to:

- a) Make a group of 3
- b) Make another group of 3
- c) Make another group of 3

Ask: How many groups? How many in each group? How many altogether?



Repeat with similar examples, with totals no higher than 20.

Activity 8: Revision

Ask students to:

- a) Put 2 teddies in 4 carriages on the train. Ask how many groups of teddies?
How many teddies altogether?
- b) Make 3 groups of 4 with counters. How many altogether?
- c) Draw 4 bags of 5 bananas. How many altogether?