

ECD/Foundation Phase
Word problems Activities
Grade 2
Term 2

Problem-solving techniques for Grade 2 (from CAPS English version P58)

Learners are expected to work out word problems using the following techniques:

- drawings or concrete apparatus e.g. counters
- building up and breaking down numbers
- doubling and halving
- number lines supported by concrete apparatus

Week 1

1. Noluthando had 25 sweets. Angelina gave her 18 sweets. How many sweets does she have now?
2. Buhle is reading a 50-page book. She is on page 42. How many more pages does she have left to read?
3. The Grade 2 class has 37 green triangles and 9 blue triangles. How many triangles do they have?
4. Benny sold 26 lollipops yesterday. Today he sold 15 more lollipops than yesterday. How many lollipops did he sell today?
5. Silvia got R30 from her grandmother. If her grandmother gives her R19 more, she will have money as much as her brother. How much does her brother have?

Week 2

1. They had 20 boxes of pasta sauce in storage and received 17 more boxes last month. How many boxes of pasta sauce are there?
2. The local food bank opened 18 days in January and 8 days in February. If it will be open for 9 days in March, how many days is it open in these three months?
3. The store opens for 14 hours on Friday and 7 hours each on Saturday and Sunday. For how many hours was the store open?
4. At the soda dispenser, there are 15 large paper cups, 13 medium paper cups, and 9 small paper cups. How many paper cups are there in total?
5. There are 12 candy bars and 10 juice boxes at the concession stand. There are one box of candy bars in the storage room. If each box contains 12 candy bars, how many candy bars are there in total?

Week 3

1. Noluthando had some sweets. Silo gave her 18 more sweets. Now she has 43 sweets. How many sweets did Noluthando have in the beginning?
2. Noluthando had 25 apples. Silo gave her some apples. She now has 43 apples. How many apples did Silo give her?
3. Thenje travels by taxi to school. If she paid R 5 in the morning with a R20 note,
 - How much change does she get?
 - How much money will she have left when she returns home by taxi?
4. They have 43 circles; 27 are green and the rest are blue. How many blue circles do they have?
5. Before the post office opened on Monday morning, there were 50 packs of stamps. At the end of the day, there were 23 packs of stamps left. How many packs of stamps were sold on Monday?

Week 4

1. On Wednesday, 45 packages were sent in for pick up. 9 of the packages had the "fragile" label and 8 of the packages required the recipient's signature. How many packages did not require a signature?
2. The manager ordered 30 new mugs and 15 new glasses. But 6 mugs were chipped, and 5 mugs came in with the wrong color. The manager returned the broken mugs and the wrong mugs. How many new mugs were there?
3. 48 brownies were in the fridge. When the café was closed, only 9 brownies were left. How many brownies were sold?
4. There were 36 chairs in the café and 13 chairs are empty. How many chairs are used?
5. 45 patients made appointments on Monday but only 28 patients showed up. How many patients missed their appointments?

Week 5

1. David has R40 and Charlie has R 35,50. How much more money does David have than Charlie?
2. Grade 2 learners collected R38 in the fundraising event. They want to have R50 to give to the community centre. How much more money do they have to collect?
3. How many wheels do 15 bicycles have?
4. Heila sells hotdogs at R4 each. Make a table to help her find the amount for large orders. Use the table to find the cost of seven hotdogs.

Number of hotdogs	1	2	3	4	5	6	7	8	9	10
Cost in R	4	8								

5. Sedick babysits. He charges R20 for travel costs and then R5 per hour for babysitting. Complete this table for him.

Number of hours	1	2	3	4	5	10
Cost in R	25	30				

Week 6

1. Thami walks three blocks a day. How many blocks does he walk in a week?
2. A farmer plants five rows of cabbages. There are five cabbages in a row. How many cabbages are there altogether?
3. There are 14 players in the netball team. If the netball coach gives half an orange to each player, how many oranges does she need?
4. How many R5 coins will make R20?
5. Stella sells apples in bags of 10 apples each. She has 36 apples. How many bags of 10 apples each can she make up? (similar to CAPS)

Week 7

1. A farmer has 27 eggs. How many egg boxes that can take six eggs each does he need to pack all the eggs?
2. Mongezi packs out 30 counters into 10 rows. How many counters are in a row?
3. If Joe spent 50c on 10c bubblegum sweets. How many bubblegum sweets did he buy?
4. Share 28 sweets among seven friends so that they all get the same number of sweets.
5. Miles, Hannah, Mathew and Ndaweni share 8 fruit bars equally. How many fruit bars does each one get?

Week 8

1. Serebolo and Jamie share 1 liquorice stick. Jamie says each one must get a half. Is she correct? Draw a picture to show your answer.
2. Could you share R50 equally among the four children? Explain how.
3. Erin, Paul and Thami must share 4 chocolate bars equally. How much chocolate must each child get? Draw a picture to show your answer.
4. Justin has 10 oranges. He eats the same number of oranges every day and he finishes them in 5 days. How many oranges does he eat a day?
5. Sue and Greg do a piece of work together. Sue works for 3 hours, and Greg works for 1 hour. They get paid R40. How must they share the money?