DIVISION

A DEFINITIONS

A.1 CALCULATING DIVISIONS

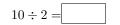




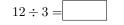
Ex 2:



Ex 3:



Ex 4:



Ex 5:

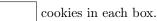
 $15 \div 5 =$

B REPRESENTATIONS OF DIVISION

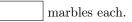
B.1 FINDING THE NUMBER OF ITEMS

Ex 6: Mei has 12 cookies. She wants to distribute them equally into 3 boxes.

How many cookies will she put in each box?



Ex 7: Hugo and Louis share a present of 8 marbles equally. How many marbles will each of them get?



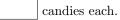
Ex 8: Three pirates find a treasure of 15 gold coins. They want to share the coins equally.

How many coins will each pirate get?



Ex 9: Four friends find a bag with 12 candies. They decide to share the candies equally.

How many candies will each friend get?



B.2 FINDING THE NUMBER OF GROUPS

Ex 10: Louis has 6 lemons.



He wants to put them into baskets such that each basket contains 2 lemons.

How many baskets to pack all the lemons?



Ex 11: Hugo has 18 eggs.



He wants to put them into boxes such that each box contains 6 eggs.

How many boxes to pack all the eggs?



Ex 12: There are 12 eyes in total. Each person has 2 eyes. How many people are there?



Ex 13: A class has 12 students. The teacher wants to divide the students into groups with 4 students in each group. How many groups of students can be made?

groups

B.3 FINDING THE RIGHT OPERATION

MCQ 14: Which problem can we solve with $36 \div 6$? Choose 1 answer:

- \Box There are 36 marbles in the bag. Hugo added 6 more marbles to the bag. How many marbles are there in total?
- \Box Mei has 36 stickers. She gave 6 stickers to her friends. How many stickers does she have left?
- □ Louis needs 6 apples to make a pie. If Jake wants to make 36 pies, how many apples does he need?
- \Box In a class, there are 36 pencils. The teacher shares the pencils among 6 kids. How many pencils does each kid get?

MCQ 15: Which problem can we solve with $45 \div 5$? Choose 1 answer:

- \Box There are 45 chocolates in the box. May a added 5 more chocolates to the box. How many chocolates are there in total?
- □ Olivia has 5 baskets. If she puts 45 oranges evenly in the baskets, how many oranges are in each basket?
- □ Max has 45 trading cards. He traded 5 cards with his friend. How many cards does he have left?

 \Box Louis needs 5 tomatoes to make a pasta sauce. If Louis wants to cook 45 sauces, how many tomatoes does he need?

MCQ 16: Which problem can we solve with $10 \div 2$? Choose 1 answer:

- □ Aisha has 10 candies. She eats 2 of them. How many candies does she have left? Ex 25:
- \Box Sam has 10 apples. He gives 2 apples to each friend. How many friends does he give apples to?
- □ There are 10 chairs. The teacher places 2 chairs in each row. How many rows of chairs are there?
- □ Nina has 2 boxes. She puts 10 pencils in each box. How many pencils does she have in total? Ex 27:

MCQ 17: Which problem can we solve with $60 \div 10$? Choose 1 answer:

- $\hfill\square$ Alice has 60 beads. She used 10 beads to make a bracelet. How many beads does she have left?
- \Box Maria has 10 jars. If she puts 60 candies evenly in the jars, how many candies are in each jar?
- □ Hugo needs 10 nails to build a birdhouse. If Hugo wants to build 60 birdhouses, how many nails does he need?
- □ There are 60 birds in the park. Jerry counted 10 more birds. How many birds are there in total?

C INVERSE OPERATIONS: MULTIPLICATION AND DIVISION

C.1 CALCULATING DIVISIONS

Ex 18:

$12 \div 3 =$	

Ex 19:

 $40 \div 5 =$

Ex 20:

 $42 \div 6 =$

Ex 21:

 $28 \div 7 =$

Ex 22:

 $24 \div 8 =$

 $72 \div 8 =$

Ex 23:

C.2 CALCULATING DIVISIONS

Ex 26:

Ex 28:

Ex 24:

 $22 \div 11 =$

 $60 \div 20 =$

