



Makes Maths Fun

Level 1

Subtraction

Bloomsmath is a comprehensive mathematics program which provides a fun way for every student to be learning to the best of their ability.

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Makes Maths Fun

Also Available in the Level 1 Program

Whole Number (Free)
Addition

Multiplication & Division

Fractions & Decimals

Probability

Patterns & Algebra

Data

Length

Area

Volume

Mass

Time

3D Shape

2D shape

Position

Subtraction

Level 1 is designed for students in their first year at school. The Subtraction strand allows students to complete subtraction algorithms using collections of objects.

Knowledge: Students use the pictures provided to solve basic pictorially represented subtraction algorithms with answers less than 10.



Students who demonstrate proficiency in this activity move on to Comprehension.



Students stop here as they require additional teacher support to master this activity.

Comprehension: Students are given 6 items and their prices and must subtract a selected items cost from 10 cents to find a customer's change.



Students who demonstrate proficiency in this activity move on to Application.



Students stop here if time has run out or they require additional support with this activity.

Application: Students again find a customer's change but this time the customer is purchasing multiple items and the change must be calculated from 10 cents.



Students who demonstrate proficiency in this activity move on to Analysis.



Students stop here if time has run out or they require additional support with this activity.

Analysis: Students use the same 6 items and their original cost and must combine various selections of items so that the entire 10 cents is spent and no change is required.



Students who demonstrate proficiency in this activity move on to Synthesis.



Students stop here if time has run out or they require additional support with this activity.

Synthesis: Students are given the items used throughout these activities and a selection of coins which they can cut out and use to make create their own subtraction algorithms by playing shop.

Evaluation: Suggested questions and activities provide a starting point for discussions related to Subtraction such as creating a table of all the combinations of numbers which make 10.



Students may complete more or fewer activities for each learning outcome depending on the time allocated and their strength in the area being covered.



All students should participate in the Evaluation discussion to encourage the use of mathematical language, logical reasoning and reflection on that which they have completed.

Name: _____

Subtraction - Take It Away

Subtraction - Level 1 - Students will complete subtraction algorithms using collections of objects.

Knowledge

Comprehension

Application

Analysis

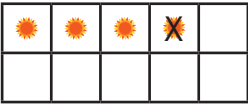
Synthesis

Evaluation

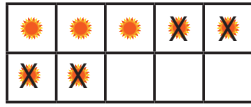


How many are left?

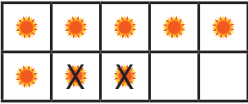
$4 - 1 =$



$7 - 4 =$



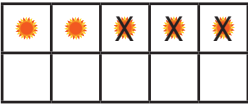
$8 - 2 =$



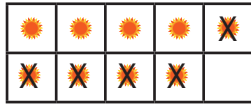
$10 - 2 =$



$5 - 3 =$

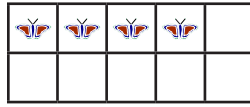


$9 - 5 =$

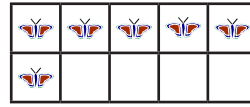


How many more make 10?

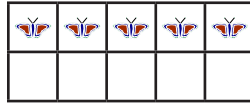
$10 - 4 =$



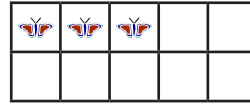
$10 - 6 =$



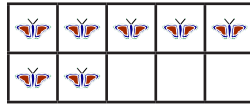
$10 - 5 =$



$10 - 3 =$



$10 - 7 =$

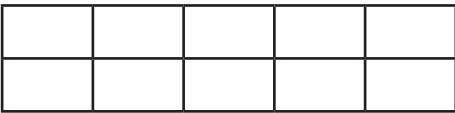


$10 - 9 =$

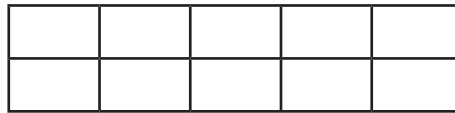


Use the tables to help you answer these questions.

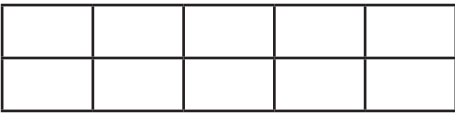
$10 - 4 =$



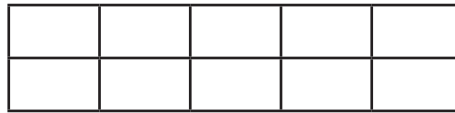
$10 - 9 =$



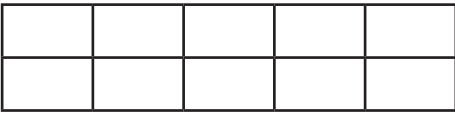
$10 - 8 =$



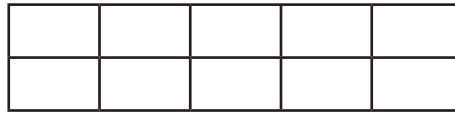
$10 - 5 =$



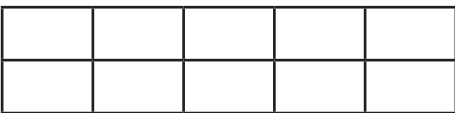
$10 - 1 =$



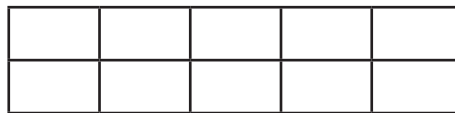
$10 - 2 =$



$10 - 6 =$



$10 - 7 =$



Let's Try This Again

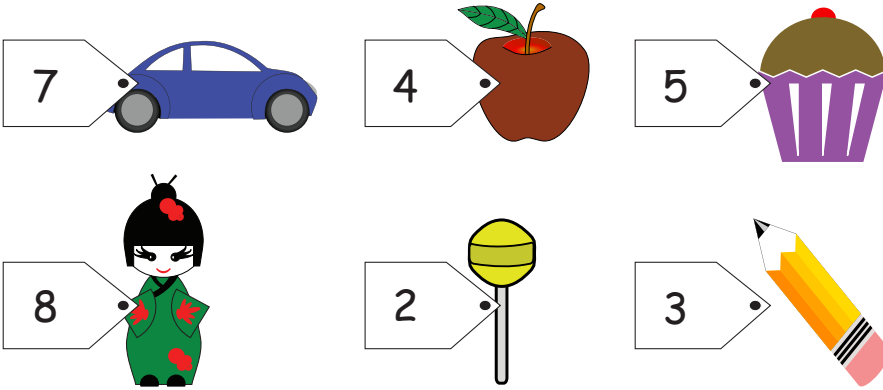


Progress To Comprehension

Name: _____

Calculate The Change

Find each customer's change.



$10 - 7 = \underline{\hspace{2cm}}$

$10 - 2 = \underline{\hspace{2cm}}$

$10 - 5 = \underline{\hspace{2cm}}$

$10 - 3 = \underline{\hspace{2cm}}$

$10 - 4 = \underline{\hspace{2cm}}$

$10 - 8 = \underline{\hspace{2cm}}$



Let's Try This Again

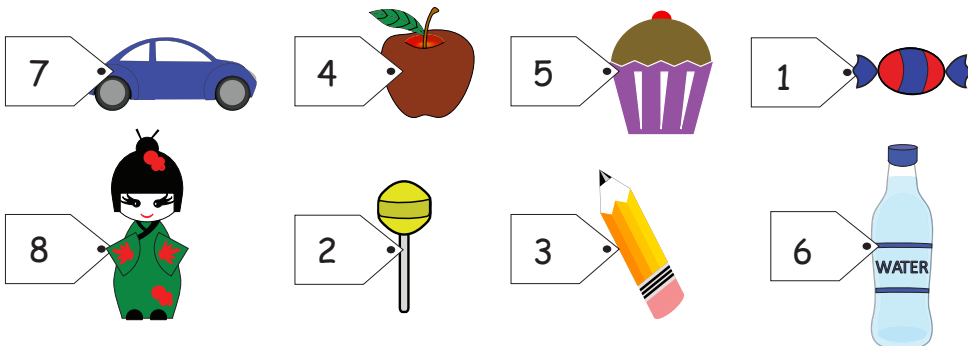



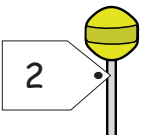
Progress To Application

Name: _____

A Bigger Shop

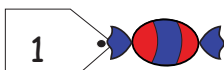
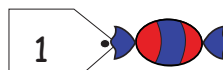
Find each customer's change but this time they are buying more than 1 item.

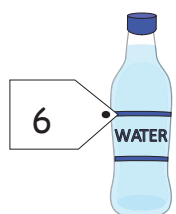
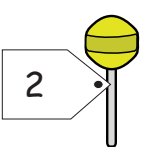



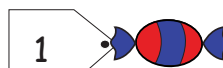
10 — 7  & 2  = _____

10 — 4  & 1  = _____

10 — 5  & 3  = _____

10 — 1  & 1  = _____

10 — 6  & 2  = _____

10 — 8  & 1  = _____



Let's Try This Again



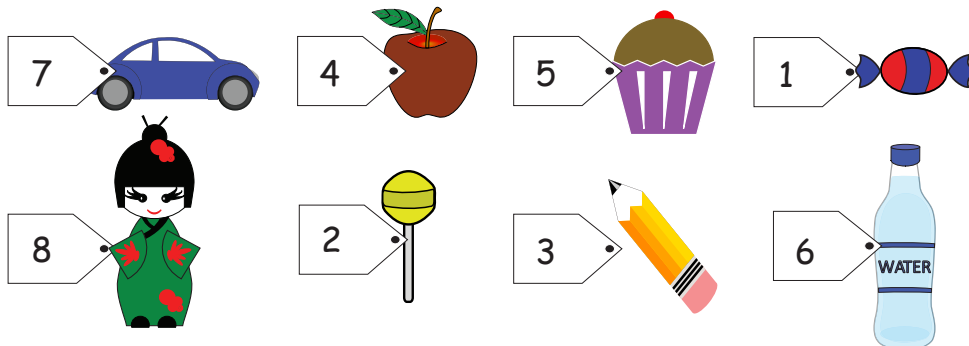
Progress To Analysis



Name: _____

Going Shopping

See if you can find 10 combination which make 10c. One has been done to help you.



10c — 7c car + 1c candy + 1c candy + 1c candy = 0

10c —

10c —

10c —

10c —

10c —

10c —

10c —

10c —

10c —

Knowledge
Comprehension
Application
Analysis
Synthesis
Evaluation

Subtraction - Level 1 - Students will complete subtraction algorithms using collections of objects.


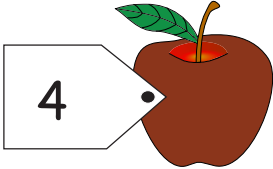

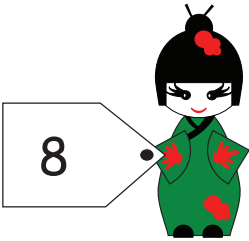
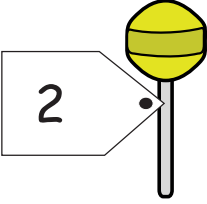
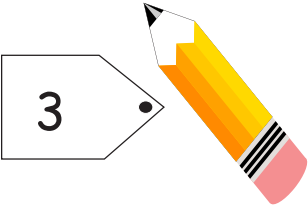
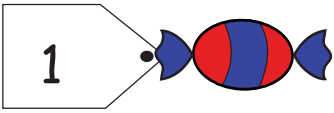












 Let's Try This Again  Progress To Synthesis

Name: _____

Shop Till You Pop

Cut out the items and coins below and work in pairs to use them to go shopping.

Subtraction - Level 1 - Students will complete subtraction algorithms using collections of objects.

Knowledge

Comprehension

Application

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Synthesis

Evaluation



Let's Try This Again




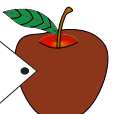




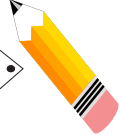

Progress To Evaluation

Subtraction Evaluation

The following ideas are provide as a starting point for fun additional activities related to Subtraction. During these activities students will have an opportunity to use appropriate mathematical language in its correct context, to engage in reflection on the Subtraction activities they have completed and to use logical reasoning to tie their in-class mathematics to its everyday context.



Using the cost of each item create a table of all the combinations that make 10. It has been started for you below.

7		4		5		1	
8		2		3		6	

$$10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 = 0$$

$$10 - 1 - 1 - 8 = 0$$

$$10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 2 = 0$$

$$10 - 1 - 9 = 0$$

$$10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 3 = 0$$

$$10 - 2 - 2 - 1 - 1 - 1 - 1 - 1 - 1 = 0$$

$$10 - 1 - 1 - 1 - 1 - 1 - 1 - 4 = 0$$

$$10 - 2 - 2 - 2 - 1 - 1 - 1 - 1 = 0$$

$$10 - 1 - 1 - 1 - 1 - 1 - 5 = 0$$

$$10 - 2 - 2 - 2 - 1 - 1 - 1 - 1 = 0$$

$$10 - 1 - 1 - 1 - 1 - 6 = 0$$

$$10 - 2 - 2 - 2 - 2 - 1 - 1 = 0$$

$$10 - 1 - 1 - 1 - 7 = 0$$

$$10 - 2 - 2 - 2 - 2 - 2 = 0$$

$$10 - 1 - 1 - 1 - 7 = 0$$

