

LINK BETWEEN ADDITION AND SUBTRACTION

A UNDERSTANDING INVERSE OPERATIONS

A.1 FINDING SUBTRACTION USING ADDITION

Ex 1: If we know that $17 + 14 = 31$, then $31 - 17 = \square$.

Ex 2: If we know that $50 + 45 = 95$, then $95 - 50 = \square$.

Ex 3: If we know that $18 + 82 = 100$, then $100 - 18 = \square$.

Ex 4: If we know that $78 + 2 = 80$, then $80 - 78 = \square$.

A.2 FINDING THE MISSING SUBTRAHEND

Ex 5:

$$4 - \square = 1$$

Ex 6:

$$5 - \square = 2$$

Ex 7:

$$7 - \square = 5$$

Ex 8:

$$6 - \square = 4$$

Ex 9:

$$8 - \square = 3$$

A.3 FINDING THE TOTAL IN SUBTRACTION PROBLEMS

Ex 10:

$$\square - 2 = 3$$

Ex 11:

$$\square - 4 = 2$$

Ex 12:

$$\square - 3 = 4$$

Ex 13:

$$\square - 5 = 3$$

Ex 14:

$$\square - 6 = 3$$

A.4 FINDING THE MISSING ADDEND

Ex 15:

$$9 + \square = 11$$

Ex 16:

$$7 + \square = 12$$

Ex 17:

$$6 + \square = 12$$

Ex 18:

$$11 + \square = 14$$

Ex 19:

$$8 + \square = 12$$

Ex 20:

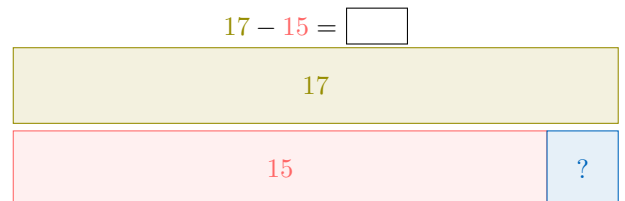
$$5 + \square = 12$$

Ex 21:

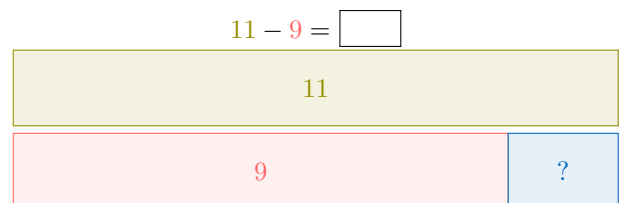
$$12 + \square = 15$$

A.5 SUBTRACTING BY THINKING ADDITION

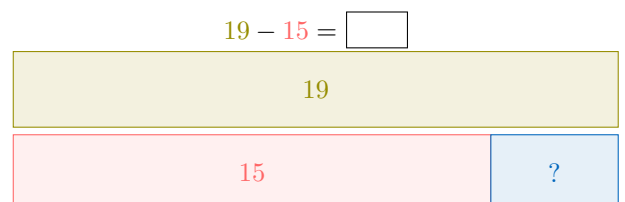
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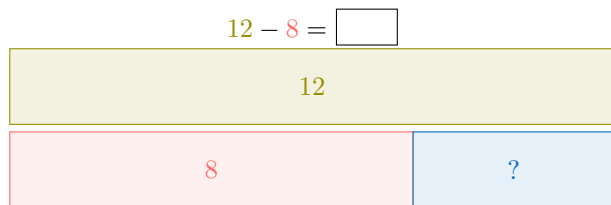
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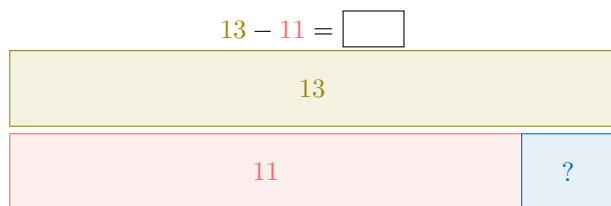
Ex 24:



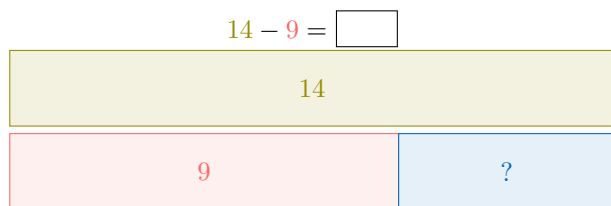
Ex 25:



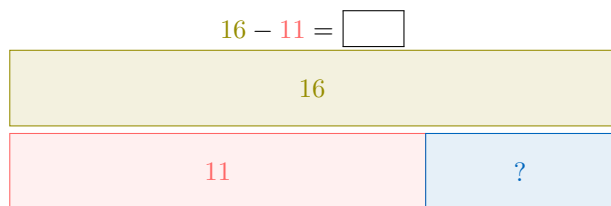
Ex 26:



Ex 27:



Ex 28:



marbles

Ex 34: During the holiday, Anjelaï read 5 more books than the 7 books she had planned to read.
How many books did she read in total?

books

Ex 35: You buy something for 6 dollars. You give the seller a 10 dollar bill.
How much change will you get back?

dollars

Ex 36: You start with 20 candies. You give 6 candies to a friend.
How many candies do you have left?

candies

Ex 37: Li won 8 marbles during recess. Tonight, he has 15 marbles.
How many marbles did he have this morning?

marbles

Ex 38: Emma found 5 seashells at the beach in the afternoon. Now she has 12 seashells.
How many seashells did she already have before going to the beach?

seashells

B PROBLEM-SOLVING WITH PART-WHOLE MODELS

B.1 SOLVING REAL-WORLD PROBLEMS

Ex 29: Hugo and Louis are looking for shells. Hugo found 6 shells, and Louis found 9 shells.
How many shells do they have together in total?

shells

Ex 30: Last month, Louis weighed 14 kilos. This month, he gained 5 kilos. How much does Louis weigh now?

kilos

Ex 31: A bookshelf has 11 books. You take 3 books to read.
How many books are left on the bookshelf?

books

Ex 32: Su has saved 12 dollars from her allowance. Li has saved 5 dollars more than Su.
How much money has Li saved?

dollars

Ex 33: You have 17 marbles. You give 4 marbles to a friend.
How many marbles do you have left?