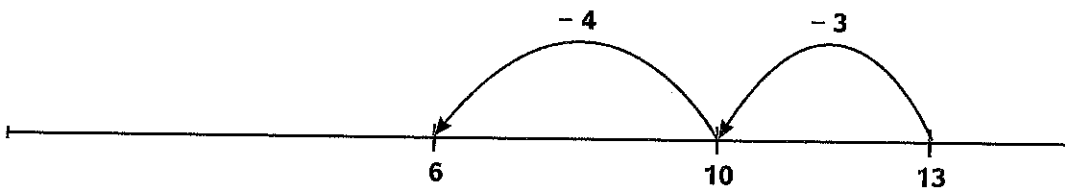


Use your facts to 10 and your 10 + knowledge to subtract quickly.

$$13 - 7 = 13 - 3 - 4$$

This is easy because I know $13 = 10 + 3$, I know $7 = 3 + 4$ and I know $4 + 6 = 10$



1 $15 - 7 = \square$

2 $12 - 5 = \square$

3 $13 - 6 = \square$

4 $14 - 8 = \square$

5 $17 - 8 = \square$

Work with a friend and see who can get the answer the quickest. Explain to your friend how you know the answer.

6 $12 - 6 = \square$

7 $15 - 9 = \square$

8 $14 - 7 = \square$

9 $18 - 9 = \square$

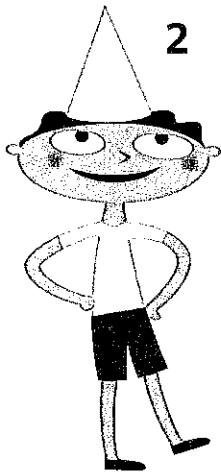
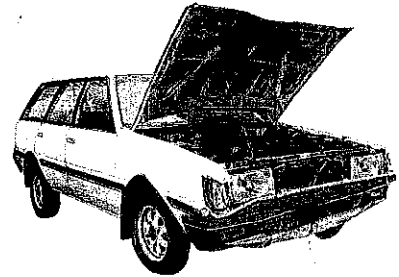
10 $13 - 9 = \square$

Can you remember how to subtract 9 using -10 and $+1$
Does knowing your doubles help with subtraction?



Story Problems

- 1 Mr Patara drives 14km to work.
Last week his car broke down after
he had travelled 11km.
How far did he have to walk to get to work?



- 2 Amy gave out 6 party invitations on Monday.
She gave out 8 more invitations on Tuesday.
How many people has she invited to her party?

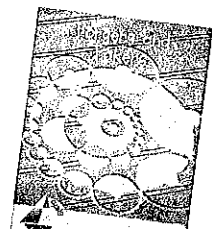
- 3 Ngapera had 16 lollies.
George had 12 lollies.
How many fewer lollies has George?



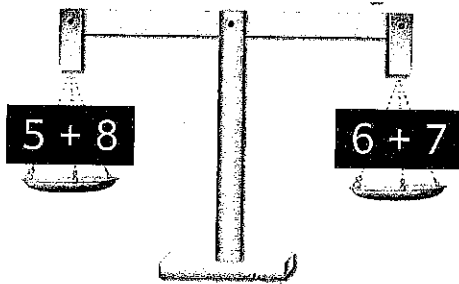
- 4 There were 8 children in the swimming pool.
4 girls and 6 boys jumped into the pool.
How many children are in the pool?

- 5 William weighs 15 kg.
His baby brother weighs 6 kg.
How much heavier is William?

- 6 Nigel is reading a book with 20 pages.
He read 6 pages before lunch and
7 pages after lunch.



Balance these equations.



1 $5 + 7 = 20 - \square$

2 $6 \times 3 = 2 + \square$

3 $4 + \square = 18 - 4$

4 $2 \times \square = 8 + 8$

5 $3 + 15 = \square \times 2$

6 $20 - 8 = \square + 6$

7 $19 - 5 = \square + 5$

8 $\square + 6 = 8 + 11$

9 $\square \times 5 = 10 + 10$

10 $16 + 4 = 8 + \square + 9$

Can you make these equations balance?

Try to complete each one in at least two different ways.

11 $5 + \square = 15 - \square$

12 $6 + \square = 2 + \square + \square$

13 $2 \times \square = \square + 6$

14 $20 - \square = 5 \times \square$



Challenge

Balance an equation with 5 numbers on each side.

Use $+$ $-$ \times . You can use a calculator.

Using 'less than' and 'greater than'

< is less than

= is equal to

> is greater than

We can balance equations like this.

$$9 + 6 = 8 + 7$$

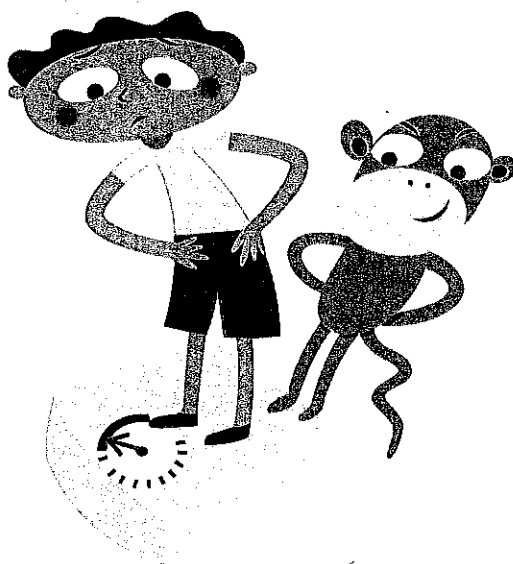
But what if the equations do not balance?

5 + 2 is less than 3 + 9

$$5 + 2 < 3 + 9$$

3 + 9 is greater than 5 + 2

$$3 + 9 > 5 + 2$$



Use the correct sign to complete these equations.

1 $4 + 3$ $7 + 5$ 2 $12 + 6$ 3×5

3 $20 - 5$ $8 + 6$ 4 2×7 $11 + 6$

5 $19 - 5$ $4 + 8$ 6 $12 - 3$ 3×3

7 $8 + 7$ $9 + 7$ 8 $18 - 6$ 2×8

9 $11 + 9$ $7 + 12$ 10 3×6 2×9

Is it True or False?

1 $3 + 13 = 5 \times 3$

2 $6 + 9 > 4 + 8$

3 $7 + 4 < 20 - 9$

4 $2 \times 4 = 13 - 6$

5 $8 + 12 < 3 \times 6$

6 $4 \times 4 < 6 + 7$

7 $13 + 7 > 6 + 6 + 6$

8 $9 \times 2 = 20 - 3$

9 $17 - 5 < 3 \times 4$

10 $6 + 8 > 4 + 9$

Who has less money?

John has \$6 in his money box.

His mum gave him \$10.

Keith had \$20 and he spent \$12.

$$6 + 10 > 20 - 12$$

Keith has less money.

Who Has Less Money?

Write out the mathematical equation.

11 Evie has \$10 from her mum and \$5 from her nan.

Dana had \$2 in her money box and she found \$12.

12 Hayden had \$19. He spent \$8.

Joshua had \$5 and his dad gave him \$5.

13 Moana had \$18 and she spent \$9.

Awanui had \$20 and he spent \$10.

