

Working backwards

Sheet 1

Work backwards to find the start number in these chains.

1. - 5 = 10

2. + 4 = 9

3. + 3 - 3 = 5

4. + 2 - 4 = 8

5. - 10 + 3 = 13

6. - 5 + 3 = 18

Working backwards

Sheet 2

Work backwards to find the start number in these chains.

1. - 10 + 3 = 13

2. - 5 + 3 = 18

3. + 2 - 5 - 2 = 5

4. + 5 - 4 + 10 = 23

5. + 3 - 10 + 5 - 20 = 6

6. + 10 - 4 + 3 - 8 = 11

What's my age?

Sheet 3

1. Ahmed doubles his age, and then adds 9.
This gives his mother's age which is 33.
What is Ahmed's age?
2. Becky doubles her age and then subtracts 10.
This gives her sister's age which is 32.
What is Becky's age?
3. Sam adds 5 to his age, and then doubles this answer.
This gives his father's age which is 40.
What is Sam's age?
4. Maya halves her age, then subtracts 8.
This gives her daughter's age which is 12.
What is Maya's age?

Challenge

Now write your own age puzzle!