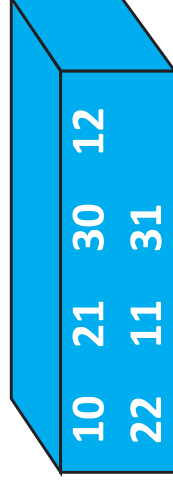
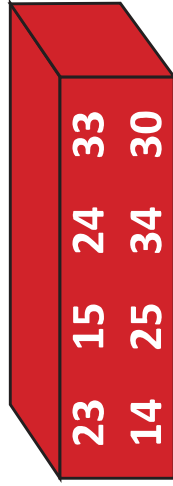
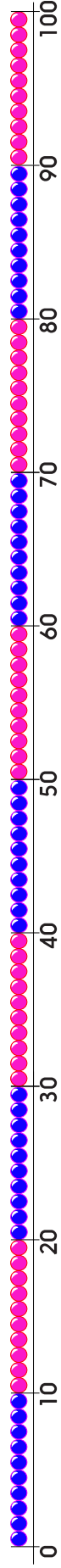


Reach 100

Sheet 1



- Choose a number from the red box and a number from the blue box.
- Add them together.
- Mark the total on the bead string.
- Choose a different number from the blue box to add to this total.
- Write an addition and find the total.
- Keep going, with the aim of getting as close to 100 as possible, but not more than 100!

Have several turns.

How close can you get?

Did you find some blue box numbers more helpful than others? Why?

34

$34 + 22 = 56$

$56 + 10 = 66$

$66 + 20 = 86$

$86 + 21 = 107$

Adding 11, 12, 13, 21, 22, 23, 31, 32 and 33

Sheet 2

1) $34 + 11 =$ 11) $45 + 31 =$

2) $63 + 11 =$ 12) $61 + 32 =$

3) $72 + 11 =$ 13) $64 + 23 =$

4) $74 + 21 =$ 14) $53 + 22 =$

5) $35 + 21 =$ 15) $35 + 32 =$

6) $36 + 12 =$ 16) $65 + 33 =$

7) $72 + 22 =$ 17) $29 + 11 =$

8) $43 + 12 =$ 18) $38 + 12 =$

9) $64 + 21 =$ 19) $74 + 13 =$

10) $54 + 21 =$ 20) $78 + 22 =$

Challenge

12

21

23

32

What number must you start with if you add these numbers and finish at 101?

Add two cards and double the total to get 110.

Which two cards must you choose?

Use each card twice to create a long addition. What is the total?

Addition and Subtraction

Answers

Day 2 Adding 11, 12, 13, 21, 22, 23, 31, 32 and 33 Sheet 2

1) $34 + 11 = 45$

11) $45 + 31 = 76$

2) $63 + 11 = 74$

12) $61 + 32 = 93$

3) $72 + 11 = 83$

13) $64 + 23 = 87$

4) $74 + 21 = 95$

14) $53 + 22 = 75$

5) $35 + 21 = 56$

15) $35 + 32 = 67$

6) $36 + 12 = 48$

16) $65 + 33 = 98$

7) $72 + 22 = 94$

17) $29 + 11 = 40$

8) $43 + 12 = 55$

18) $38 + 12 = 50$

9) $64 + 21 = 85$

19) $74 + 13 = 87$

10) $54 + 21 = 75$

20) $78 + 22 = 100$

Challenge

Start at the number 12.

Choose the two cards 23 and 32.

The total is 176.