# 3 ADDITION AND SUBTRACTION

White Rose Maths

1. Complete the part-whole models.

（1,000）
├─（600）
└─（ ）

（1,000）　（600）
└─（ ）─┘
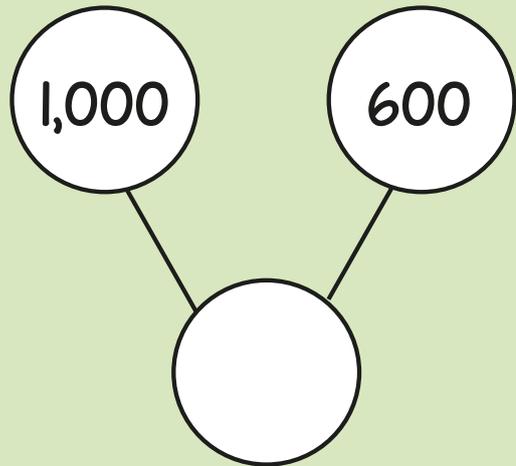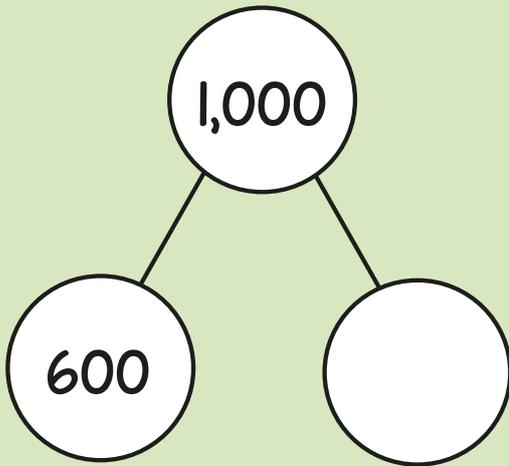
2. Alex has 262 stickers.

She buys 12 more.

How many stickers does she have now?

3. Find the missing number.

361 = 9 + ☐

**4** Complete the calculations. Show your workings.

24 + 39 = ▢

78 − 19 = ▢

56 + 72 = ▢

**5** Tommy makes this number.

(100) (100) (100) (10) (10) (10) (10) (1) (1) (1)
(100) (100) (100) (10) (10) (10) (10) (1) (1) (1)
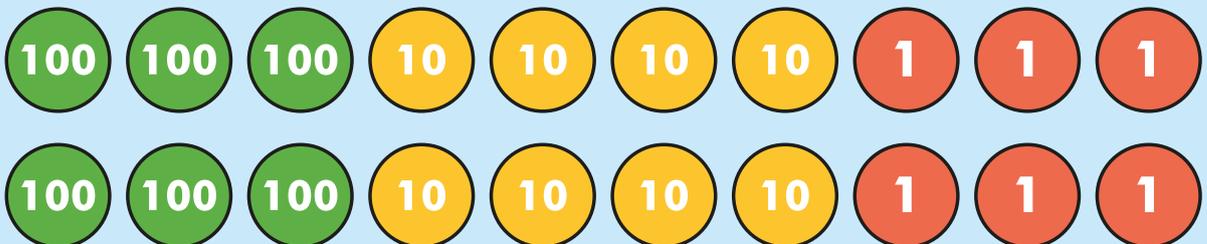
He subtracts thirty-two.

What is Tommy's new number? ▢

**6** Work out 403 + 537

You may use the place value chart to help.
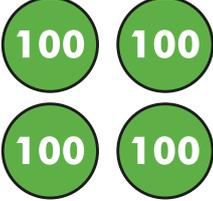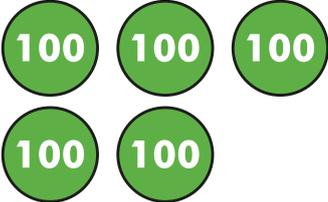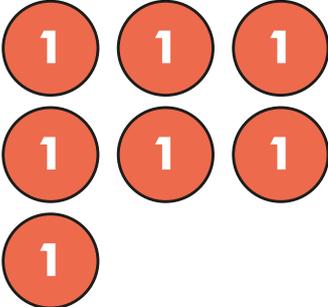
| Hundreds | Tens | Ones |
|---|---|---|
| 100 100 100 100 | | 1 1 1 |
| 100 100 100 100 100 | 10 10 10 | 1 1 1 1 1 1 1 |

|   |   | 4 | 0 | 3 |   |
|---|---|---|---|---|---|
|   | + | 5 | 3 | 7 |   |
|   |   |   |   |   |   |
|   |   |   |   |   |   |

**7** Complete the bar models.

| | |
|---|---|
| | |
| 298 | 132 |

| 846 | |
|---|---|
| 346 | |
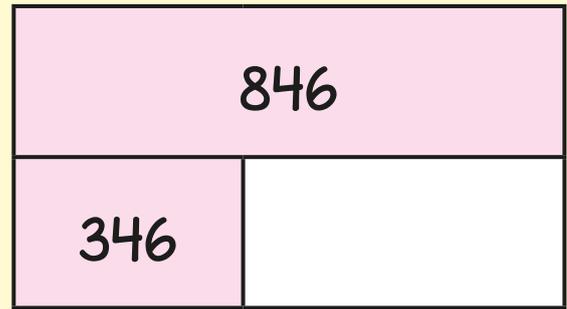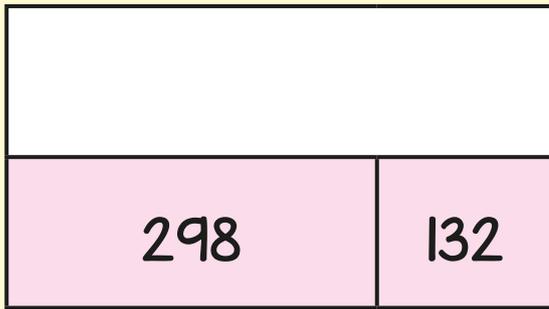
**8** Fill in the missing digits.

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|   |   | 3 | 8 | 8 |   |
|   | + |   |   | 4 |   |
|   |   |   | 8 | 2 |   |
|   |   |   |   |   |   |

**9** Explain the mistake.

|   |   | 7 | 1 | 3 |   |
|---|---|---|---|---|---|
|   | – |   | 6 | 7 |   |
|   |   | 7 | 5 | 4 |   |

**10** Rosie wants to work out 101 – 99 in her head.

Explain a method that Rosie could use.

# Answers

**1**

1,000 → 600, **400**

1,000, 600 → **1,600**
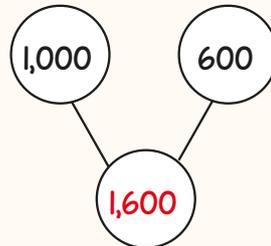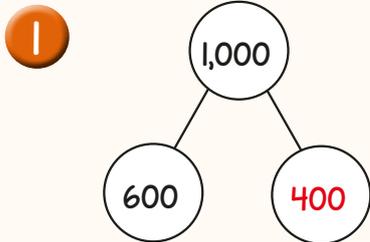
**2** 274 stickers

**3** 352

**4** 63, 59, 128

**5** 654

**6** 940

**7**

| 430 | |
|---|---|
| 298 | 132 |

| 846 | |
|---|---|
| 346 | **500** |

**8**

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|   |   | 3 | 8 | 8 |   |
|   | + |   | **9** | 4 |   |
|   |   | **4** | 8 | 2 |   |
|   |   |   |   |   |   |

**9** The numbers in the tens and ones columns have been subtracted in the wrong order. The correct answer is 646

**10** Rosie could find the difference between 101 and 99 by counting up 2 from 99 to 101 The answer is 2