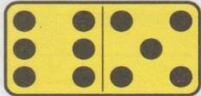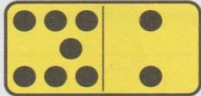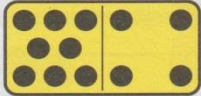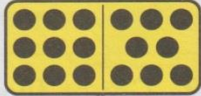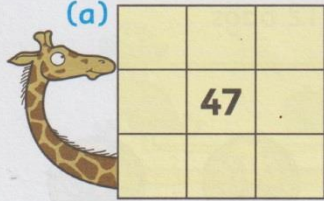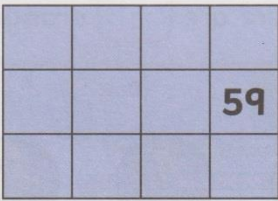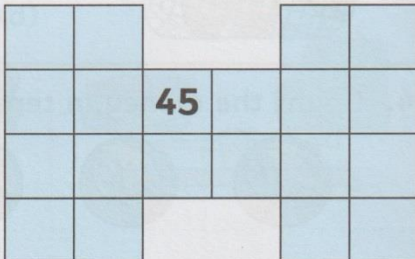Addition and Subtraction First class.

Dominoes, 100 square and addition – Mental strategy 1

1. Write the **smallest** and the **biggest** numbers that can be made from these dominoes.
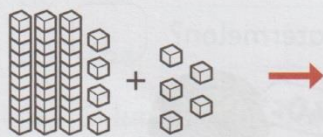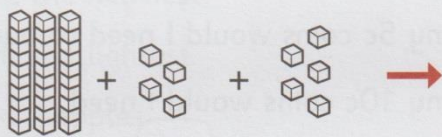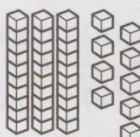
(a) [56] [65]

(b) [ ] [ ]

(c) [ ] [ ]

(d) [ ] [ ]

2. Fill in the missing numbers from these sections of the 100 square.

(a) 47

(b) 59

(c) 45

3. Count. Write. Colour the cubes. (Green for **units**, red for **tens**.)

[34] + [ ] = [ ] + [ ] + [ ] = [ ]

4. Complete the following.

(a) 23 + 2 = [ ]   (b) 34 + 3 = [ ]   (c) 25 + 4 = [ ]

(d) 22 + 6 = [ ]   (e) 31 + 7 = [ ]   (f) 32 + 5 = [ ]

5. Complete the following.

(a) 43 + 5 = [ ]   (b) 56 + 2 = [ ]   (c) 61 + 8 = [ ]

(d) 74 + 2 = [ ]   (e) 83 + 4 = [ ]   (f) 92 + 7 = [ ]

(g) 66 + 3 = [ ]   (h) 81 + 5 = [ ]   (i) 93 + 5 = [ ]

Addition – Mental strategy 2 and rounding

Complete the following.

1.
(a)
```
  t u
  2 1
+   5
```

(b)
```
  t u
  3 4
+   3
```

(c)
```
  t u
  4 2
+   7
```

(d)
```
  t u
  6 0
+   9
```

(e)
```
  t u
  7 3
+   5
```

(f)
```
  t u
  9 5
+   4
```

2. There were 23 birds in a tree. 6 more came along.
How many birds were in the tree then?

3. Peter had 45 stamps. He got 4 stamps from his brother.
He then had ☐ stamps altogether.

4. In these sums the units stay the same. Add the tens.

(a)
```
  t u
  6 0
+ 3 0
```

(b)
```
  t u
  3 4
+ 4 0
```

(c)
```
  t u
  5 0
+ 1 6
```

(d)
```
  t u
  2 9
+ 4 0
```

(e)
```
  t u
  6 3
+ 3 0
```

(f)
```
  t u
  4 9
+ 5 0
```

5. There were 28 red apples and 30 green apples in a box.
How many apples were there altogether?

6. Monica had 42 marbles. Martin had 50.
How many marbles had they altogether?

7. Round these numbers to the nearest ten.

(a) 23 → 2 0
(b) 38 → ☐
(c) 44 → ☐
(d) 56 → ☐
(e) 68 → ☐
(f) 73 → ☐
(g) 85 → ☐

8. Estimate the answers to these sums by rounding each time.

(a) Sum
```
  1 3
+ 1 8
```
☆

Estimate
```
  1 0
+ 2 0
```
3 0

(b) Sum
```
  3 5
+ 2 3
```
☆

Estimate
+ ☐

(c) Sum
```
  5 7
+ 3 2
```
☆

Estimate
+ ☐

Addition – With/without regrouping

Complete. (Use mental strategy 3.)

1.
(a)
```
  t u
  3 6
+ 2 5
```

(b)
```
  t u
  2 9
+ 1 5
```

(c)
```
  t u
  1 8
+ 3 4
```

(d)
```
  t u
  3 6
+ 4 3
```

(e)
```
  t u
  2 4
+ 4 2
```

(f)
```
  t u
  5 3
+ 4 5
```

2.
(a)
```
  t u
  3 6
+ 4 5
```

(b)
```
  t u
  2 9
+ 5 0
```

(c)
```
  t u
  4 4
+ 3 3
```

(d)
```
  t u
  6 2
+ 1 8
```

(e)
```
  t u
  3 8
+ 1 9
```

(f)
```
  t u
  4 7
+ 4 9
```

3. There were 29 chickens in one house and 37 in another. How many chickens were there altogether? ☐ ◯ ☐ = ☐

4. Rachel gathered 42 leaves. Robbie gathered 35. How many leaves did they gather altogether? ☐

5. Paddy the farmer has 59 sheep. Larry has 36. How many sheep have they between them? ☐

6. 28 women and 46 men took part in a cross country race. How many athletes took part in the race altogether? ☐

7. The garage sold 36 tyres one week and 32 the next. How many tyres were sold over the two weeks? ☐

8. Sarah and Joe are turkey farmers. Sarah sold 45 turkeys one week. Joe sold 29. How many turkeys did they sell between them? ☐

Write a number story for this number sentence. 53 + 39 = ☐

_____