## Compare objects

**1** Dora and Ron each have some building bricks.



Dora

Ron

**a)** How many bricks does Dora have?

Dora has [ ] bricks

**b)** How many bricks does Ron have?

Ron has [ ] bricks.

**c)** Who has the greater number of bricks?
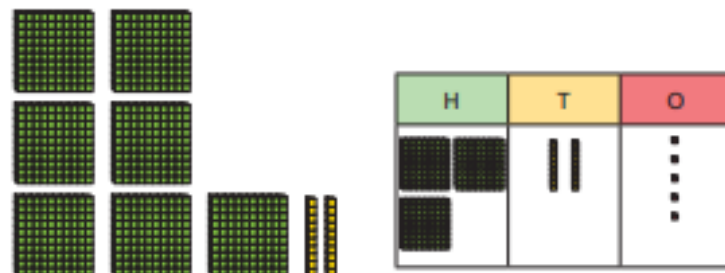
_____ has the greater number of bricks.

How do you know?

_____

_____

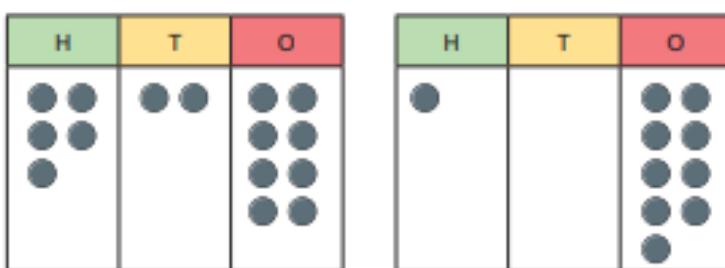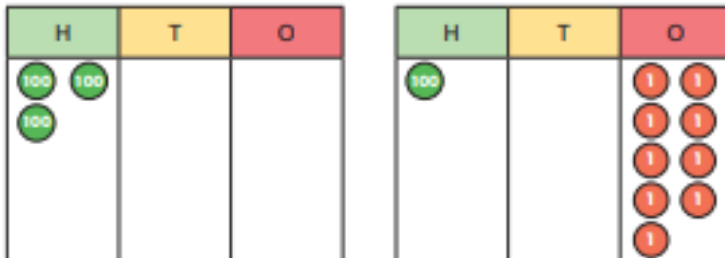**2** Tick the greater number in each pair.

**a)**



**b)**



| H | T | O |
|---|---|---|

**c)**

| H | T | O |
|---|---|---|

| H | T | O |
|---|---|---|

**d)**

| H | T | O |
|---|---|---|

| H | T | O |
|---|---|---|

**3** Esther makes a number using base 10



Amir also makes a number.

*My number has 5 hundred blocks and some tens and ones.*
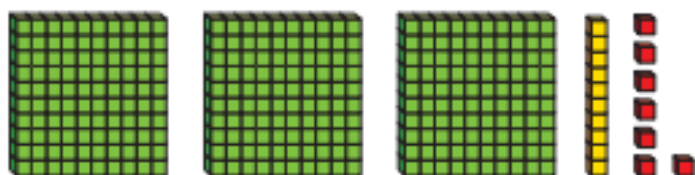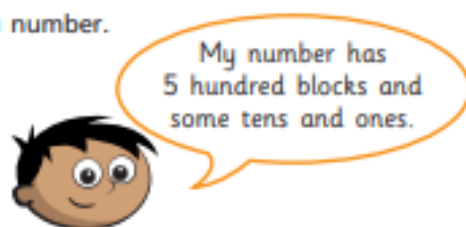
Whose number is greater? Circle your answer.

**Esther**          **Amir**          **can't tell**

Explain how you know.

_____

_____

_____

**4** Use 8 pieces of base 10 to make a number.

Compare answers with a partner.

Who has made the greater number?

**5** Write >, < or = to compare the numbers.

a)

| H | T | O |
|---|---|---|
|   |   |   |

◯

| H | T | O |
|---|---|---|
|   |   |   |

b)

| H | T | O |
|---|---|---|
|   |   |   |

◯

| H | T | O |
|---|---|---|
|   |   |   |
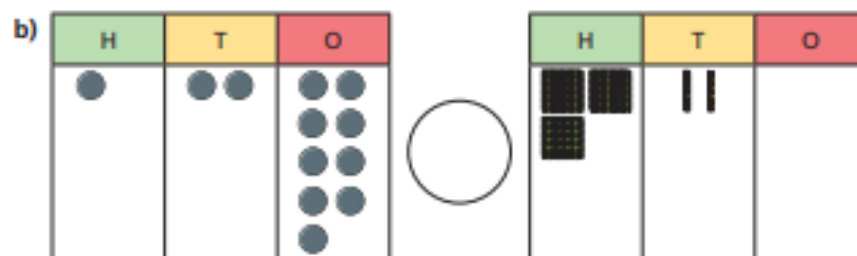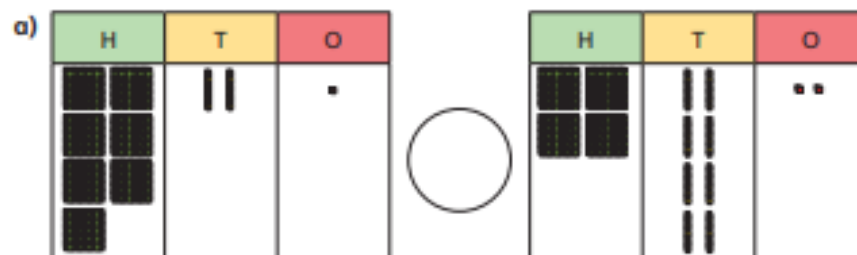
**6** Draw 3 more counters to make the statement correct.

| H | T | O |
|---|---|---|
|   |   |   |

<

| H | T | O |
|---|---|---|
|   |   |   |
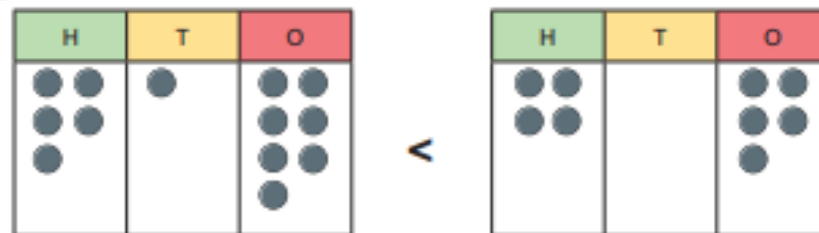
**7** Annie uses 10 counters to make a number greater than 600 but less than 700

What numbers could Annie have made?

Can you find all the possible answers?

## Compare numbers

**1** Which number is smaller? Tick your answer.

| 100s | 10s | 1s |
|------|-----|-----|
| 3 | 5 | 9 |

| 100s | 10s | 1s |
|------|-----|-----|
| 7 | 1 | 2 |

**2** Which number is greater? Tick your answer.

| 100s | 10s | 1s |
|------|-----|-----|
| 8 | 0 | 5 |

| 100s | 10s | 1s |
|------|-----|-----|
| 8 | 1 | 7 |

**3** Tick the greater number.

| 100s | 10s | 1s |
|------|-----|-----|
| 0 | 3 | 7 |

| 100s | 10s | 1s |
|------|-----|-----|
| 3 | 7 | 0 |

**4** Circle all the numbers greater than 350

700     396     299     167     342     400

**5** Circle all the numbers less than 718

634     800     715     720     66     1,000

**6** Write >, < or = to make the statements correct.

a)

| 100s | 10s | 1s |
|------|-----|-----|
| 2 | 9 | 5 |

◯

| 100s | 10s | 1s |
|------|-----|-----|
| 3 | 7 | 2 |

b)

| 100s | 10s | 1s |
|------|-----|-----|
| 4 | 0 | 1 |

◯

| 100s | 10s | 1s |
|------|-----|-----|
| 4 | 2 | 6 |

c)

| 100s | 10s | 1s |
|------|-----|-----|
| 2 | 5 | 7 |

◯

| 100s | 10s | 1s |
|------|-----|-----|
|  |  |  |

d) Which place value columns did you have to compare in part c)?

_____

**7** Write the missing phrase.

( is less than )          ( is greater than )

a) 328 _____ 344

b) 916 _____ 490

c) 510 _____ 517

**8** There are two films on at the cinema.


Steel Man — Running time: 200 minutes


Arctic Adventure — Running time: 185 minutes

Which film lasts the longest?

_____ lasts the longest.

**9** Write <, > or = to make the statements correct.

a) 176 ◯ 281          e) 1,000 ◯ 699

b) 397 ◯ 452          f) 820 ◯ 90

c) 757 ◯ 747          g) 392 ◯ 300 + 90 + 2

d) 812 ◯ 810          h) 392 ◯ 300 + 90 + 3

**10** What could the missing digits be?

a) 621 is greater than __24          b) 500 < __54

   621 is greater than 6__4              500 < 5__2

   621 is greater than 62__             500 < 53__

**11** Write all the possible missing digits.

a) 778 is less than 7__4

_____

b) 778 is less than 7__9

_____

c) 778 is less than 77__

_____

## Ordering numbers

**1** Who has the greatest number of marbles?

| Mo | Tommy | Dora |
|---|---|---|
| 100 10 10 10 | 100 100 10 | 100 10 |

_____ has the greatest number of marbles.

**2** Which is the smallest number: A, B or C? Circle your answer.

A          B          C
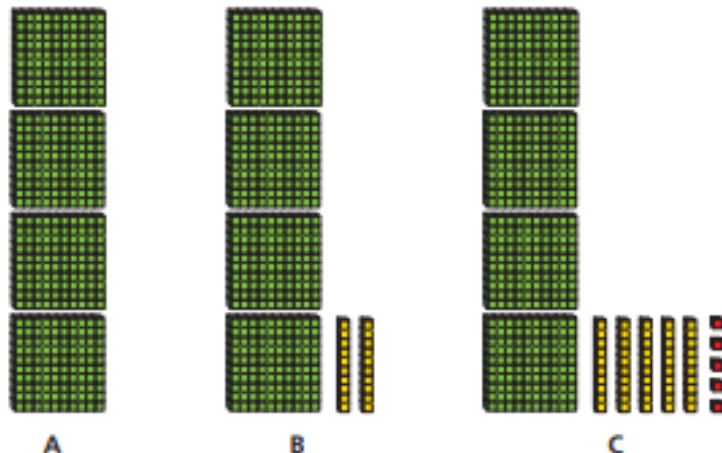
**3** Circle the greatest number in each list.

a)  250   400   130   290

b)  315   390   326   305

c)  718   712   710   719   716

d)  435   348   438   84

**4** Write each list of numbers in order.
Start with the smallest number.

a)  412   718   429   405

_____

b)  73   99   200   620

_____

c)  1,000   595   509   95

_____

**5** Write two numbers that are greater than 644 and less than 652

**6**  **a)** Write the weights of the boxes in order.
Start with the lightest box.

230 g    302 g    320 g    32 g    9 g

_____

**b)** These are the heights of the people in one family.

| John | Gemma | Brett | Kim | Dani |
|------|-------|-------|-----|------|
| 185 cm | 126 cm | 175 cm | 53 cm | 170 cm |

Who is the 3rd tallest person?

The 3rd tallest person is _____ .

**7**  Here are the prices of 4 bikes.

£195    £279    £179    £199

Write the prices in order. Start with the most expensive bike.

_____

**8**  **a)** These numbers are in order. One digit is missing from
each number.

4 _ 5          46 _          _ 58

smallest                    greatest

What could the missing digits be?

_____

_____

**b)** These numbers are in order. One digit is missing from
each number.

4 _ 5          46 _          _ 58

greatest                    smallest

What could the missing digits be?

_____

_____

**9**  Each number has the same digit missing.

$$\_56 < 7\_3 < 75\_$$

What could the missing digits be?

Find as many different answers as you can.

_____

_____

**1** How many cards does each person have?

| Filip | Eva | Mo | Aisha |
|-------|-----|----|-------|
|       |     |    |       |

[ ]    [ ]    [ ]    [ ]

Teddy has 8 packs of cards.

How many cards does Teddy have?

Teddy has [     ] cards.

**2** Complete the number tracks.

| 200 | 250 | 300 | | | | | 550 |
|-----|-----|-----|--|--|--|--|-----|

| 650 | | 750 | 800 | | | | |
|-----|--|-----|-----|--|--|--|--|

| | 600 | 550 | | 450 | | | 300 |
|--|-----|-----|--|-----|--|--|-----|

**3** Rosie is counting up in 50s from 0 to 1,000

0, 50, 100 ...

Circle all the numbers that Rosie will say.

505     750     75     350     240     800     950

**4** What numbers are the arrows pointing to? Label the arrows.

200   250                650   700

**5** Is this true or false?

These scales will balance.

How do you know?

_____

_____

**6** Whitney and Dexter are playing darts.

**a)** Whitney throws 5 darts.



How many points has Whitney scored?

Whitney has scored [ ] points.

How did you work this out? Talk about it with a partner.

**b)** Dexter scores 450 points with 5 darts.

Where could his darts have landed?

Draw your answer on the dartboard.



**c)**

I don't think it is possible to score 450 with 6 darts.

Is Dexter correct?

Explain how you know.

_____

_____

_____

_____

_____

**7** How much money is there?



[ ]