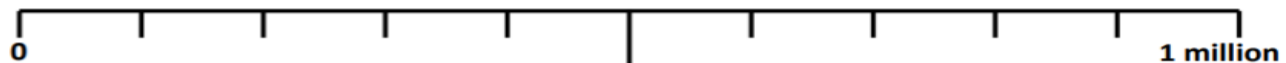
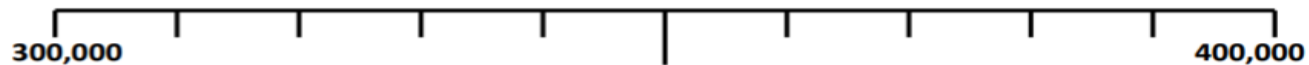


RECALL

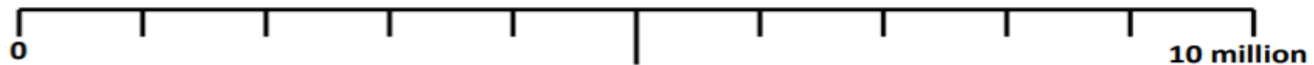
A



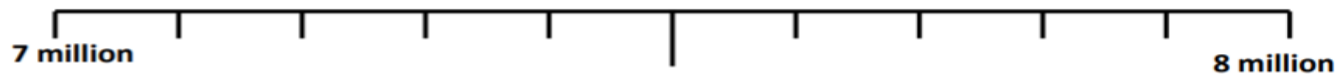
B



C

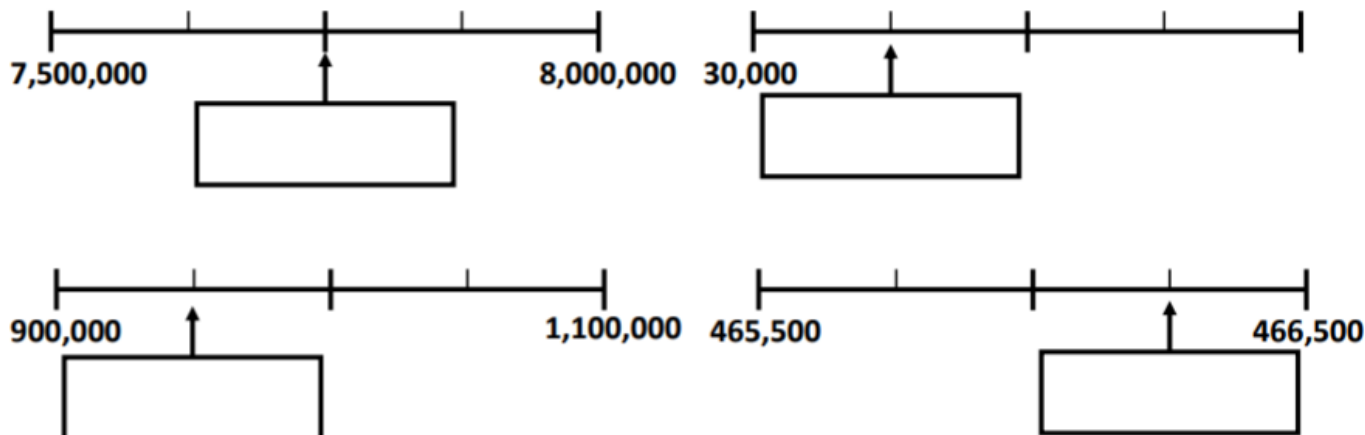
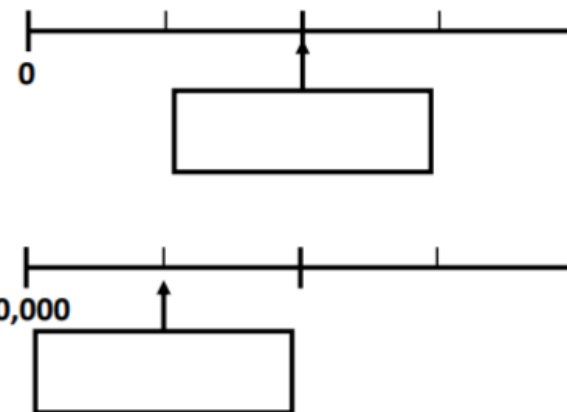
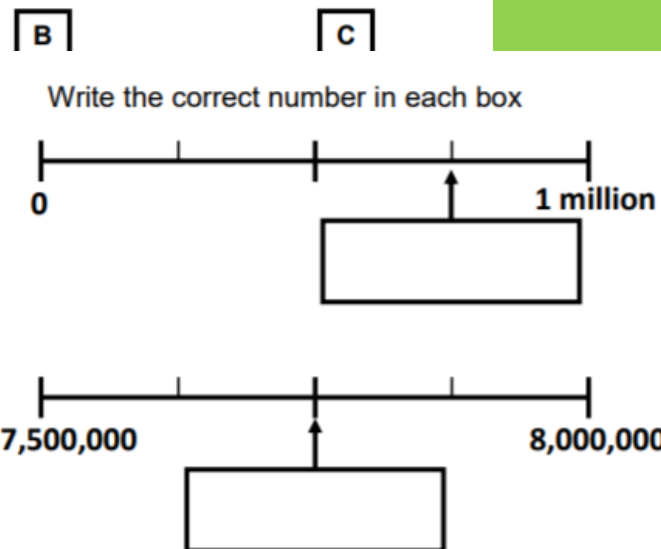
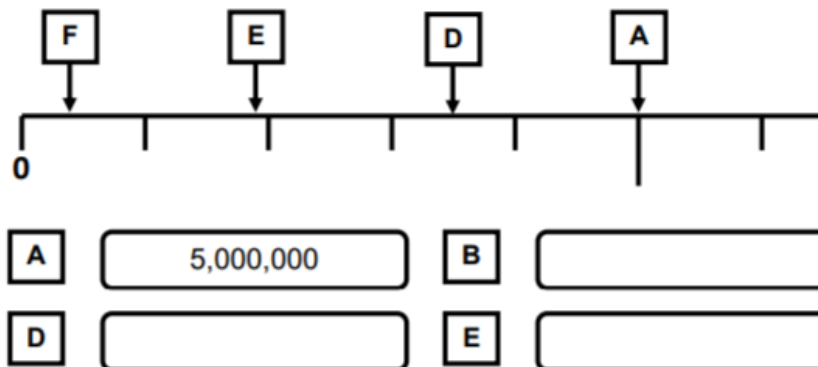


D

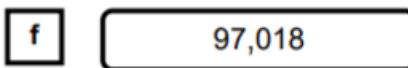
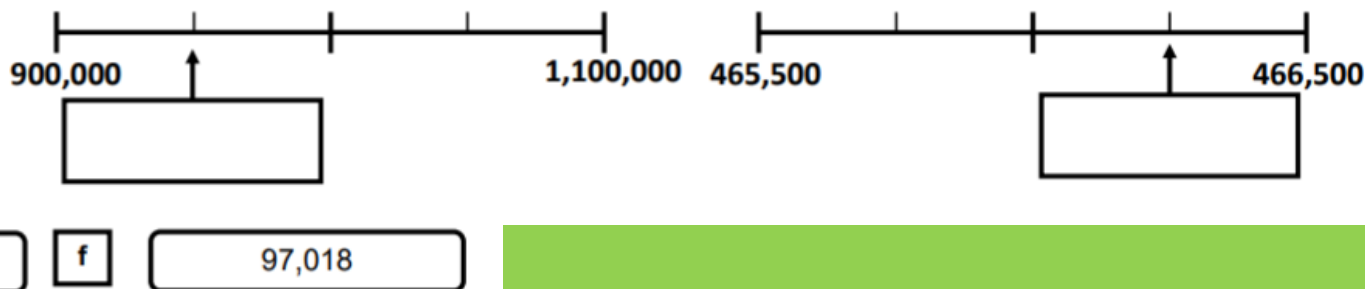
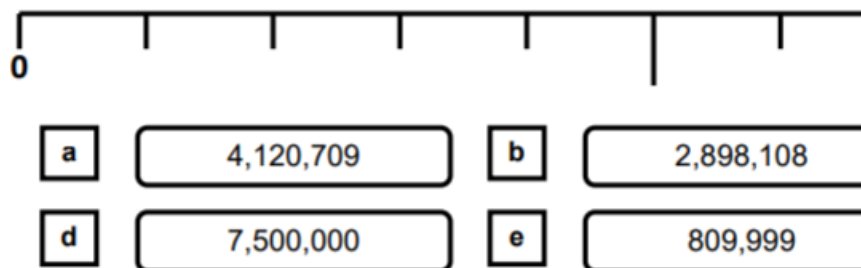


RECALL

Estimate the numbers on the number line.

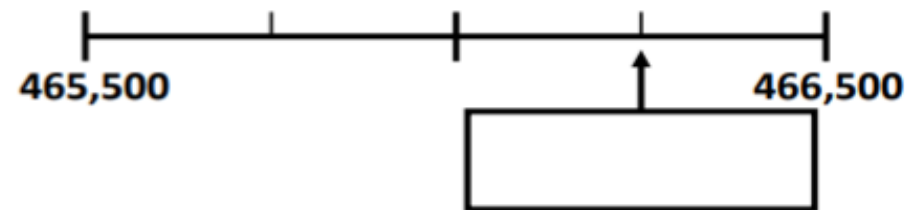
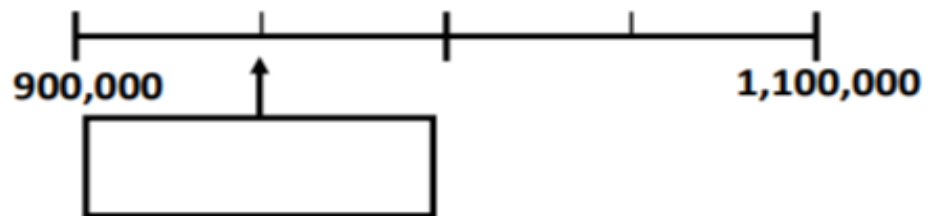
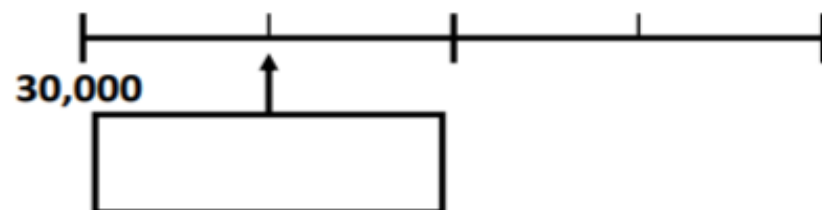
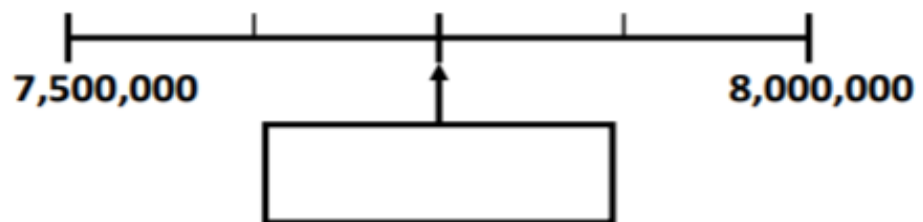
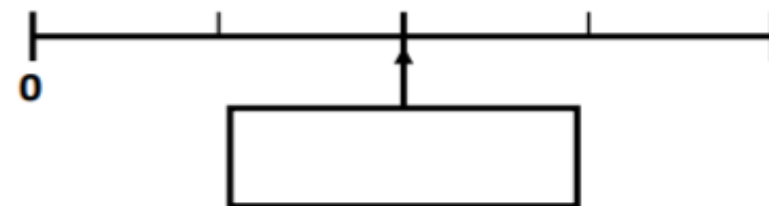
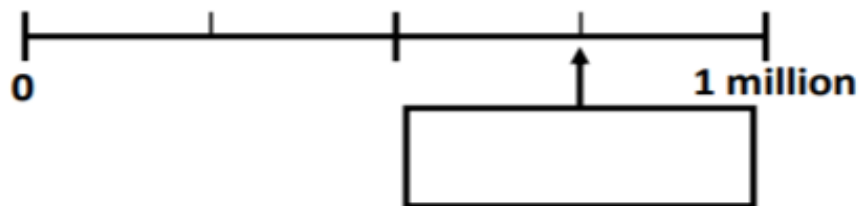


Draw an arrow on the number line to show the approximate position of the number.



RECALL

Write the correct number in each box



RECALL

Order smallest to largest

6592

5629

9562

5962

9256

6295

6952



12604

16240

14602

14260

14620

12460

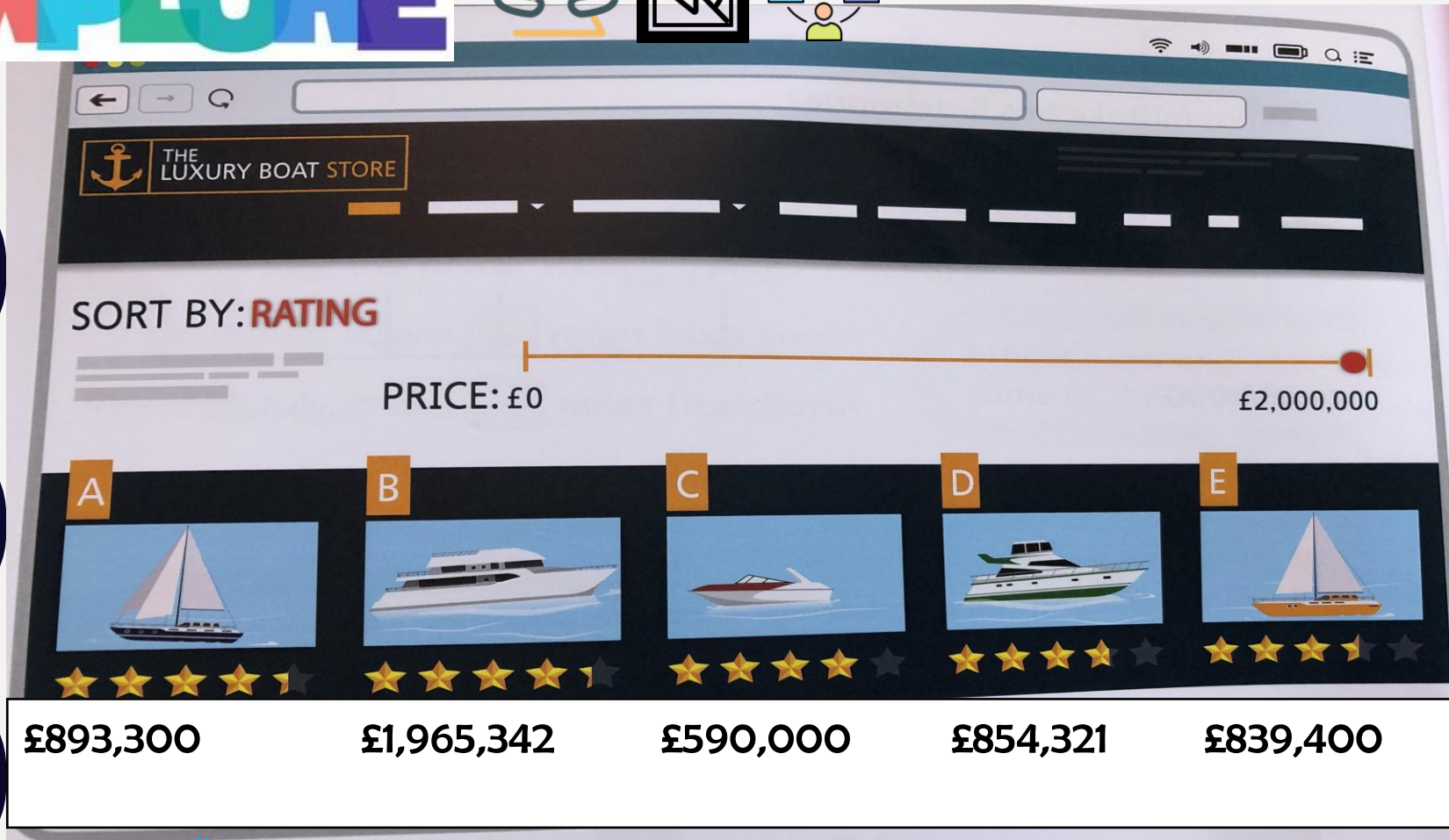
16402



L.O. TO READ, WRITE, ORDER AND COMPARE NUMBERS UP TO 10 MILLION AND DETERMINE THE VALUE OF EACH DIGIT

- **SOME WILL EVEN:** Use understanding of place value to solve problems.
- **SOME WILL:** Identify missing numerals in number sentences involving comparison.
- **MOST WILL:** Order numbers using understanding of place value.
- **ALL WILL:** Compare numbers using $<$ and $>$.

EXPLORE



a) The boats are currently sorted according to star rating.

Sort the boats by price, starting with the most expensive.

b) Where would each of the boats appear on the price bar?

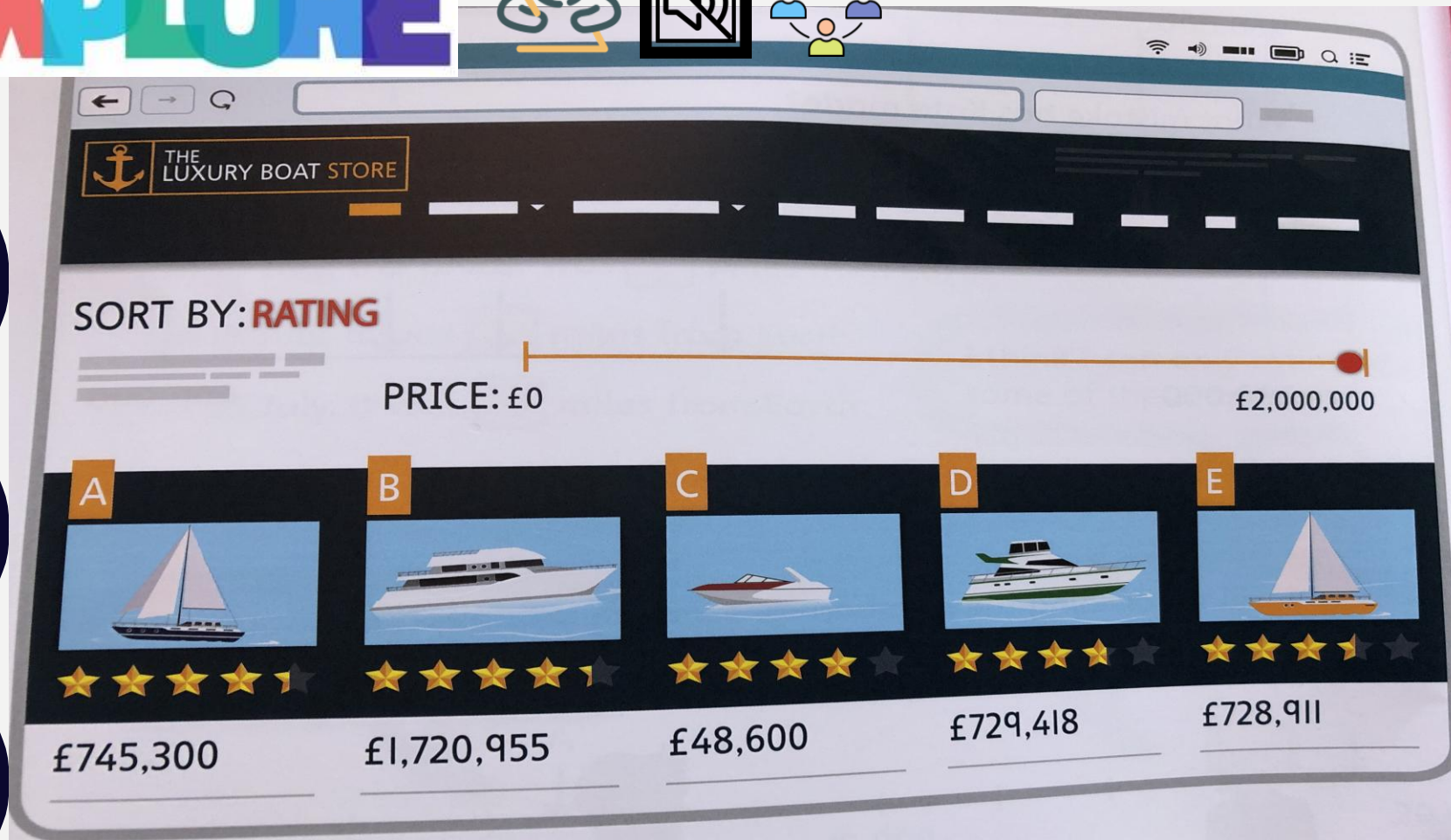
help

Use a place value grid.



Can you add two new listings: one more expensive than the lowest rated boat and one much cheaper.

EXPLORE



a) The boats are currently sorted according to star rating.

Sort the boats by price, starting with the most expensive.

b) Where would each of the boats appear on the price bar?

help

Use a place value grid.



Can you add two new listings: one more expensive than the lowest rated boat and one much cheaper.

Compare the numbers using $<$ and $>$ then rewrite the numbers in descending order



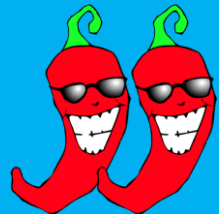
120,000

130,000

110,000

150,000

200,000



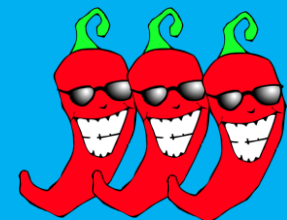
121,000

137,000

210,000

130,000

211,000



321,000

321,100

120,300

132,000

213,030

Use $<$ and $>$ to compare:

- a) £429,118 ☐ £518,128
- b) £392,271 ☐ £392,098
- c) £41,510 ☐ £4,151
- d) £7,000,000 ☐ £5,999,999



Write the prices of these boats in order, starting with the most expensive.

£320,400

£302,040

£32,000

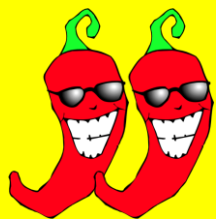
£302,400

Compare the numbers using < and > then rewrite the numbers in descending order



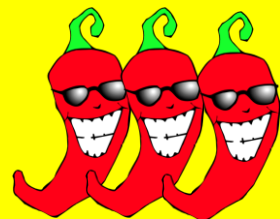
120,000 < 130,000 > 110,000 < 150,000 < 200,000

200,000 150,000 130,000 120,000 110,000



121,000 < 137,000 < 210,000 > 130,000 < 211,000

211,000 210,000 137,000 130,000 121,000



321,000 < 321,100 > 120,300 < 132,000 < 213,030

321,100 321,000 213,030 132,000 120,300

Use < and > to compare:



- a) £429,118 < £518,128
- b) £392,271 > £392,098
- c) £41,510 > £4,151
- d) £7,000,000 > £5,999,999

Write the prices of these boats in order, starting with the most expensive.

£320,400

£302,040

£32,000

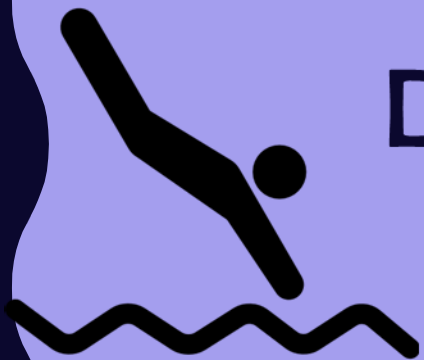
£302,400

£320,400

£302,400

£302,040

£32,000



DIVE DEEPER 1

Complete these comparisons by writing in the correct numerals and $<$ or $>$.

What could the missing digits be to make these statements correct?

a) $7, \square 32 > 7,748$

$7, \square 32 > 7,730$

b) $12,4 \square 4 < 12,584$

$12,4 \square 4 < 12,484$

I think there is more than one correct answer. I will try to find them all.



a)

M	HTh	TTh	Th	H	T	O
●	●	●●●	●●	●	●●	●●●

M	HTh	TTh	Th	H	T	O
●	●●	●	●●●	●●	●	●

b)

M	HTh	TTh	Th	H	T	O
●		●●●	●●	●●	●	●●●

$>$

M	HTh	TTh	Th	H	T	O

4

Here are the salaries of four professional football players.

CHALLENGE

Player 1	Player 2	Player 3	Player 4
£3 million	two and a half million pounds	£900,000	£3.6 million

a) Which player earns the most in a year?

b) Which player earns the least in a year?

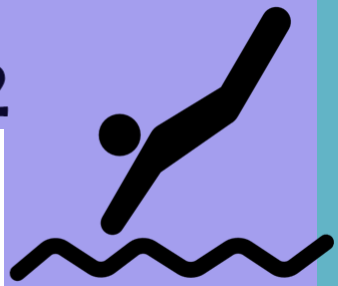
Salary is the amount a person is paid per year.

I will write each salary in numerals.

I think the player who earns the most is player 3 because their number starts with a 9. I wonder if I am right.



DIVE DEEPER 2



A drinks company has paid Lady Gaga for eight Instagram posts promoting their product.

The smallest number of likes is for the first post (345,900 likes). The greatest likes total is her last post (347,000 likes).

All the other posts' like totals have digit totals of 20 and have no repeating digits.

What are the other six numbers?

HINT:

The digit total for 345,900 is $3 + 4 + 5 + 9 + 0 + 0 = 21$

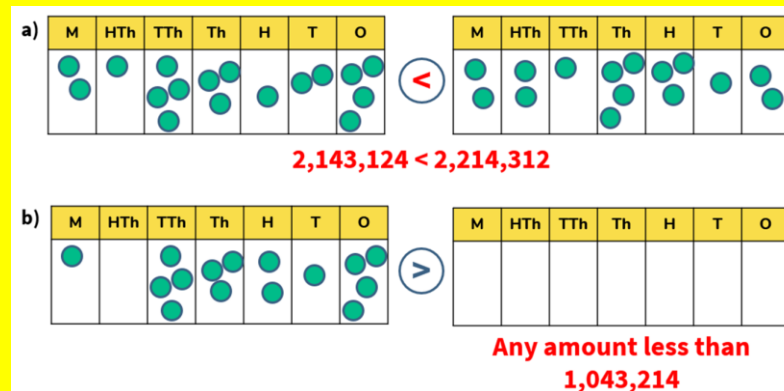
The digit total for 347,000 is $3 + 4 + 7 + 0 + 0 + 0 = 14$

HINT 2:

The smallest of the six numbers you're looking for is 346,025



- a) 8 or 9
- b) Any digit
- c) 7, 8 or 9
- d) Any digit less than 8



- a) 3.6 million
- b) £900,000

CHALLENGE

So, the smallest is 345,900, followed by 346,025, then 346,052, then 346,205, then 346,250, then 346,502, then 346,520, finally 347,000 is the greatest.

If all the digits are different but add up to 20, each number must use the digits 0, 2, 3, 4, 5 and 6, as they fall between 345,900 and 347,000 and have digit totals of 20 (5 and 2 are the only other number bonds to seven that haven't been used so far).



8. Jasmin is placing these numbers in order. Where will her three remaining numbers go?

5,060,098

Three million, nine hundred thousand,
two hundred and seven

2,005,804

2,005,094

2,010,798

3,901,350

3,905,270

5,006,150

Smallest

Greatest

9. Oscar is trying to complete the statement. More than one of the missing digits must be a zero.

$$2, 8 \square 5, 4 0 5 > 2, \square 3 5, \square 9 0$$

Investigate which digits Oscar can use to complete the statement.

