

Number and Place Value Trail Cards



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1.

What number is represented on the grid below?

M	HTh	TTh	Th	H	T	O

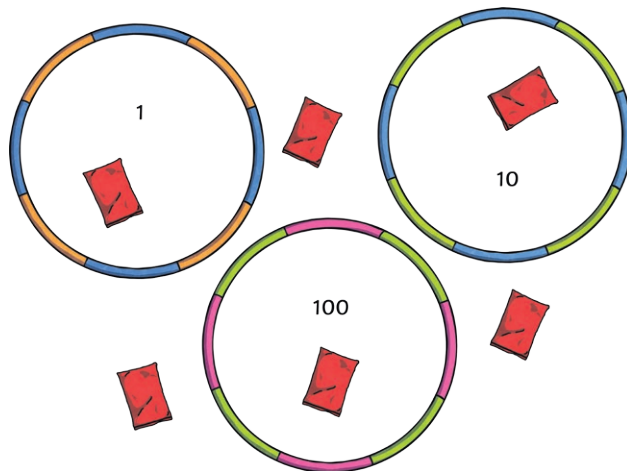
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2.

Alex throws six beanbags into the hoops as shown.

She loses 50 points for each bean bag outside a hoop.

What did she score?



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3.

Write these numbers in ascending order:

8 521 732

9 033 613

-5 213 723

8 251 732

6 374 585

5 613 464

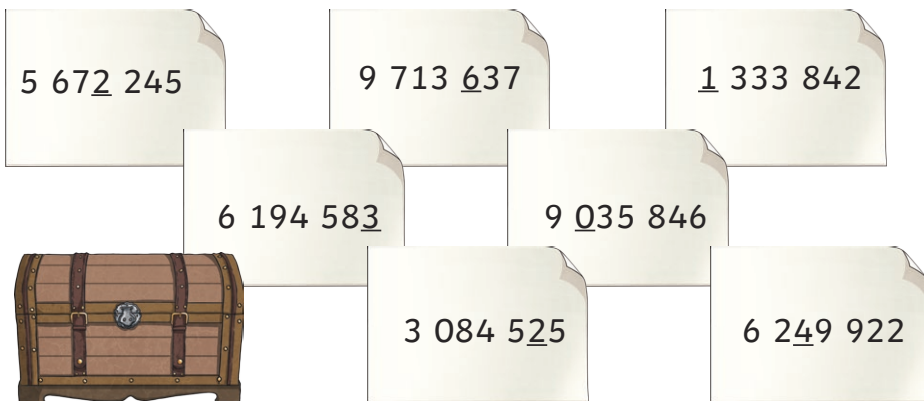
-5 732 853

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4.

William has found seven clues to the code needed to open a treasure chest.

Combine the values of the underlined digits to find the code.



5 672 245 9 713 637 1 333 842

6 194 583 9 035 846

3 084 525 6 249 922

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5.

Estimate the number shown on this number line.

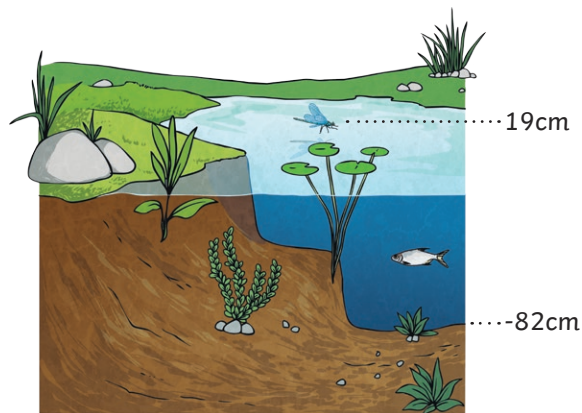


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6.

The surface of the water represents 0cm. The base of the pond represents -82cm. This fish is 48cm higher than the bottom of the pond. The dragonfly is 19cm above the pond.

How far is the dragonfly from the fish?



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7.

Large sunflowers have 89 petals. Using rounding, work out approximately how many petals there would be a field of 15 860 sunflowers.



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8.

Nicholas has found a padlocked gate. He knows the code is 600 000 to both the nearest ten thousand and the nearest hundred thousand.

Which code should he use to open the gate?

584 896 605 153 596 473 590 689

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9.

Rehan is estimating the number of leaves on a tree. He says:

To the nearest hundred thousand, I estimate there are 400 000 leaves.



What is the smallest number of leaves he believes the tree could have?

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10.

Estimate the number shown on this number line.



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11.

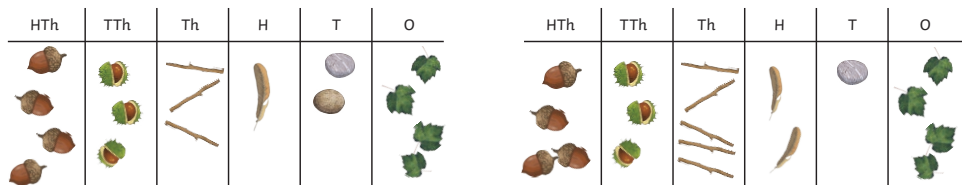
Lorna crossed the river counting backwards in 100s for every step she took. She started at 423. What number did she say as she landed on the bank?



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12.

Which symbol would you use to complete the statement below, < or > ?

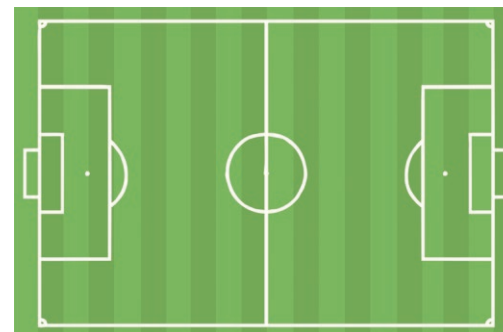


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13.

Wembley Stadium's football pitch is covered with approximately 2 million blades of grass. Around 60 000 of these are artificial turf.

How many blades of real grass are there at Wembley Stadium?



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14.

The temperature in the school playground is 8°C at 7p.m. It falls by 1.5°C every 30 minutes.

What would the temperature be at midnight?



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15.

Julia uses sticks and twigs to represent a 6-digit number.

What number has she shown?

