

solving word problems

Remember, Rats Never Catch Ants!

- Read and try to imagine the story.
- Note the information.
- Decide what Calculation to do.
- Check it makes sense and AnsWER the problem.



Solve these problems.

- 1 At a theme park, 183 people are on the Black Hole ride. The ride can hold 238 people. How many more could get on?
- 2 To go on the Sky ride you must be 135 cm tall. Sam is 107 cm tall. How much more must he grow to be allowed on the ride?
- 3 On Saturday 2141 people visited the theme park and on Sunday 4863 people visited. How many visited in total on that weekend?
- 4 256 people each bought a £4 ticket to go on the Space ride. How much money did they pay altogether?
- 5 The Giant Wheel has 8 identical pods to carry people. If the wheel can hold 192 people in total, how many can go in each pod?
- 6 345 people were on the Corkscrew ride. If 128 people get off and 143 people get on, how many are on the ride now?
- 7 Two families buy some £7 Picnic Meals. How many meals can they buy for £100? How much change would they get?
- 8 The Ghost Train had 4856 visitors in one day. If 3035 of them were children, how many more children than adults went on it that day?



I am confident with solving word problems.

cube puzzles

Choose pairs of 3-digit numbers from this cube and find the totals using a written method.



Can you find a pair of numbers:

- 1 with a total greater than 1000?
- 2 with a total close to 500?
- 3 with a total that is a multiple of 10?
- 4 with a total that has the 10s digit 5?
- 5 where a digit moves across in all three columns?
- 6 What is the largest total you can find?

Choose pairs of 3-digit numbers from the cube and find the difference between them using a written method. Can you find a pair of numbers:

- 7 with a difference less than 100?
- 8 with a difference close to 500?
- 9 with a difference that is a multiple of 10?
- 10 with a difference that has the 10s digit 5?
- 11 where you must change a 100 into 10s?

