

DISASTER at SEA

GROUP 1

INSTRUCTION CARD



SCENARIO

You are on a cruise liner that is sinking. Water is leaking into the ship. You have **45 minutes** to find the leak if you want to save the passengers and crew.

INSTRUCTIONS

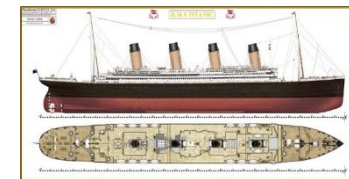
To find the secret code opening the padlock, you must find a number composed of 4 digits :

1. The units digit of the secret code is the tens digit of the result of Puzzle 1.
2. The tens digit is the unit digit of the result of Puzzle 2.
3. The hundreds digit of the secret code is the unit digit of the percentage found in Puzzle 3.
4. The thousands digit is the tens digit of the percentage in Puzzle 3.

FUN FACTS – from National Geographic Kids

Titanic was built by a company called White Star Line in Belfast, Ireland.

She was no ordinary ship. Titanic was the biggest and most luxurious ship of her time. She measured **28 metres wide, 53 metres tall and 269 metres long** — that's about the length of three football fields! Titanic was also known as the '**Ship of Dreams**'.



There were **over 2,200 people** on board, including **900 crew members**. But there was a major problem: only **20 lifeboats with 65 places** had been included in the design, with only enough space for half the passengers and crew. Over **1,500 people died** when the Titanic sank.

VOCABULARY TOOLBOX

Pour exprimer une incompréhension :

- I don't get it! = I don't understand!

Pour exprimer un désaccord :

- I don't agree= I disagree

Pour demander des explications :

- Can you explain how you calculate ...?
- What do you need to add, take away, divide, subtract?
- Is the result accurate?
- How have you come to this result?

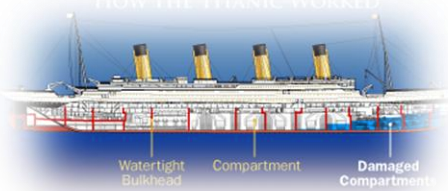
Pour exprimer des erreurs ou doutes :

- I think we've made a mistake.
- We are probably missing a step.
- We have forgotten to ...
- Maybe we should double-check.
- It's incorrect. I've got it all wrong!

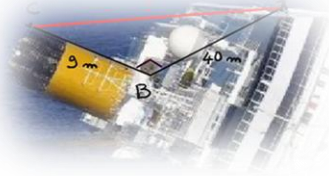
Pour proposer :

- Let's start with ...
- Is there another way to find the answer?

PUZZLE 1 CALCULATION SHEET



PUZZLE 2 CALCULATION SHEET



PUZZLE 3 CALCULATION SHEET



PADLOCK CODE CALCULATION



DISASTER at SEA

GROUP 2

INSTRUCTION CARD



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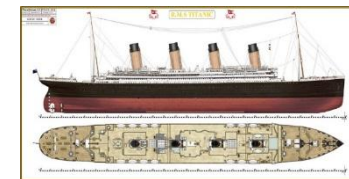
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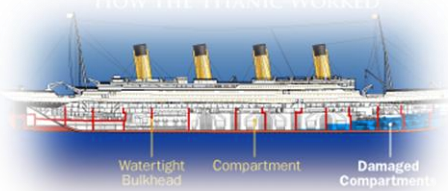
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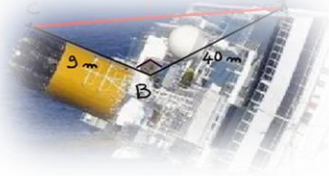
Pour proposer :

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PUZZLE 1 CALCULATION SHEET



PUZZLE 2 CALCULATION SHEET



PUZZLE 3 CALCULATION SHEET



PADLOCK CODE CALCULATION



DISASTER at SEA

GROUP 3

INSTRUCTION CARD



SCENARIO

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INSTRUCTIONS

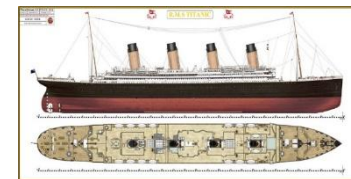
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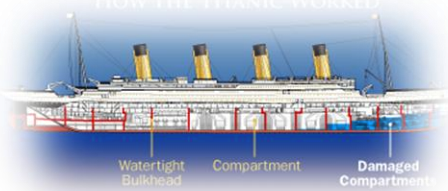
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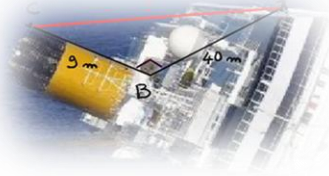
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PUZZLE 1 CALCULATION SHEET



PUZZLE 2 CALCULATION SHEET



PUZZLE 3 CALCULATION SHEET



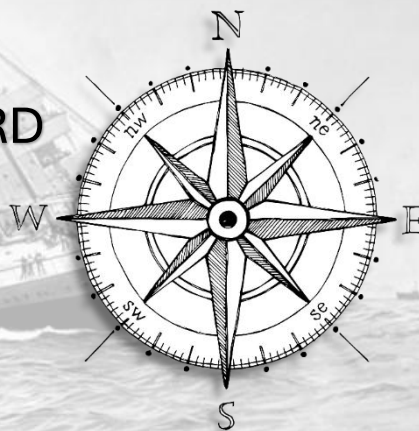
PADLOCK CODE CALCULATION



DISASTER at SEA

GROUP 4

INSTRUCTION CARD



SCENARIO

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INSTRUCTIONS

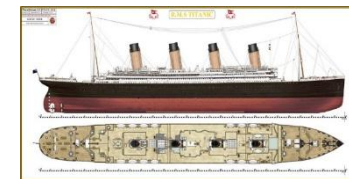
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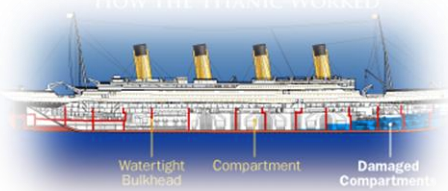
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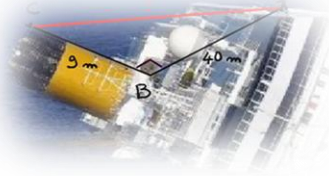
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PUZZLE 1 CALCULATION SHEET



PUZZLE 2 CALCULATION SHEET



PUZZLE 3 CALCULATION SHEET



PADLOCK CODE CALCULATION



DISASTER at SEA

GROUP 5

INSTRUCTION CARD



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INSTRUCTIONS

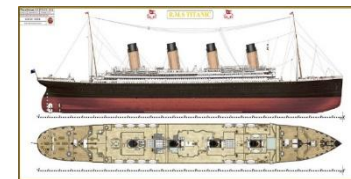
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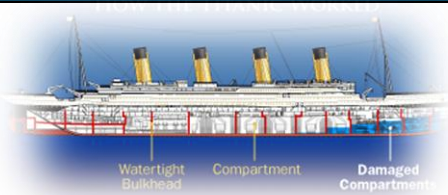
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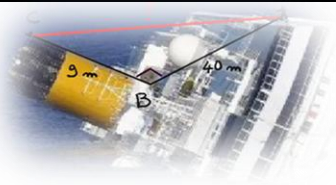
PUZZLE 1 CALCULATION SHEET



PUZZLE 3 CALCULATION SHEET



PUZZLE 2 CALCULATION SHEET



PADLOCK CODE CALCULATION



