



Ferry Facts & Figures!

- ▶ Look at the data sheets provided and use the information to solve the questions
- ▶ Use the place value grid to help you

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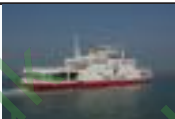


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Distance travelled per crossing: 18 kilometres

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Time per crossing: 55 minutes

Ferry Name	 Red Falcon	 Red Osprey	 Red Eagle
Year Built	1994	1994	1996
Last refit (upgrade)	2015	2014	2005
Average speed	20 kilometres per hour	20 kilometres per hour	20 kilometres per hour
Maximum cars carried	215	215	215
Car decks	3	3	3
Maximum passengers carried	895	895	895
Sailings per year	4,000	4,000	4,000
Distance per year	72,000 kilometres	72,000 kilometres	72,000 kilometres

Vehicle Ferry Analysis

1. Which is the newest vehicle ferry?

2. What is the difference between the age of Red Eagle and Red Falcon?

3. How old is Red Osprey?

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4. Which ferry has had the most recent refit?

5. Which ferry do you think will be next to have a refit?

6. Choose your favourite ferry from the list. Now, using the Place Value Grid on the next page, write out the different numbers that relate to that ferry.

7. Write a sentence comparing the number of cars each ferry holds.

Place value grid for large numbers

Find the numbers and write them into the grid.

Remember: Only one digit per box.

Ten Thousand	Thousand	Hundred	Ten	Units/Ones	Item

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RED JET HIGH SPEED PASSENGER FERRIES DATA SHEET

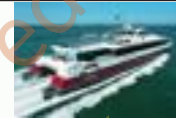
Distance travelled per crossing: 18 kilometres

Time per crossing: 25 minutes

Ferry Name



Red Jet 3



Red Jet 4



Red Jet 5

Year Built

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2009

Maximum passengers carried

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187 (seated)

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Average Speed

60 km/h

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60km/h

62km/h

Sailings per day

17

17

17

Red Jet Analysis

1. How many passengers does Red Jet 3 carry?

2. Which Red Jet carries the most passengers?

3. How many fewer passengers does Red Jet 5 carry?

4. Write a sentence that compares the speeds of the 3 Red Jet ferries

More Questions For You!

1. Write down the names of ALL 6 ferries, oldest first:



Now Over To You!

2. What other questions could you ask?

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Can you make some mathematical comparisons between the different ferries?

Your Challenge!

Present a **wall chart** of statistics for your favourite ferry and compare it with the others.

- ✓ Include some **sentences of comparison**
- ✓ Can you include a **bar graph**?
- ✓ Include some of your own calculations
- ✓ You could draw a **timeline** of the ferry's history



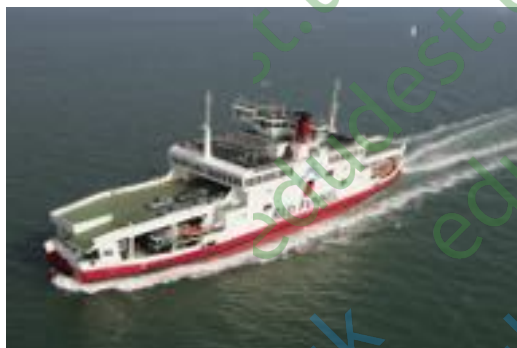
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Below are some pictures of the ferries you could cut out and use for your wallchart.



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