



## 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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**Average speed:** 20 kilometres per hour

Ferry Name	 Red Falcon	 Red Osprey	 Red Eagle
Year Built	1994	1994	1996
Last major refit	2004 (refitted & extended)	2003 (refitted & extended)	2005 (refitted & extended)
Last refurbishment	2015 - £2.0 million investment	2014 - £2.2 million investment	
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 refurbishment?

6. Choose your favourite ferry from the list. Now, using the Place Value Grid on the next page, write out the different numbers relating 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	1989	2003	2009
Maximum passengers carried	187 (seated)	187 (seated)	187 (seated)
Average Speed	60 km/h	60km/h	62km/h
Sailings per day	17	17	17

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### 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?

Can you make some mathematical comparisons between the different ferries?



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## 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** about the history of the ferry.



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

