

Sample Station 1 and 2

The toothed whales (Odontoceti) are:

Sperm Whale males average 16 meters in length and can live for 70 years. They have a top speed of 40 kph.

Pilot Whales reach a body length of approximately 7.5 meters. They have a top speed of 32 kph. Pilot whales can live for 60 years.

Beluga Whale males grow to 5.5 meters long. They have a lifespan up to 50 years. They can swim at up to 22 kph.

Orca Whale males can reach a length of 8 meters. They can swim at speeds up to 56 kph. The lifespan is up to 90 years.

The baleen whales (Mysticeti) are:

Blue Whales can reach 30 meters in length and can reach speeds of 50 kph. They are estimated to live for 80 years.

Humpback Whales can reach a length of 18 meters. They have a lifespan of about 50 years. They have a top speed of 27 kph.

Bowhead Whales can grow to 20 meters in length. They are reported to reach 200 years of age. They can swim up to 20 kph.

Minke Whales reach a length of 10 meters. They have been known to live for 60 years and can swim at a rate of 30 kph.

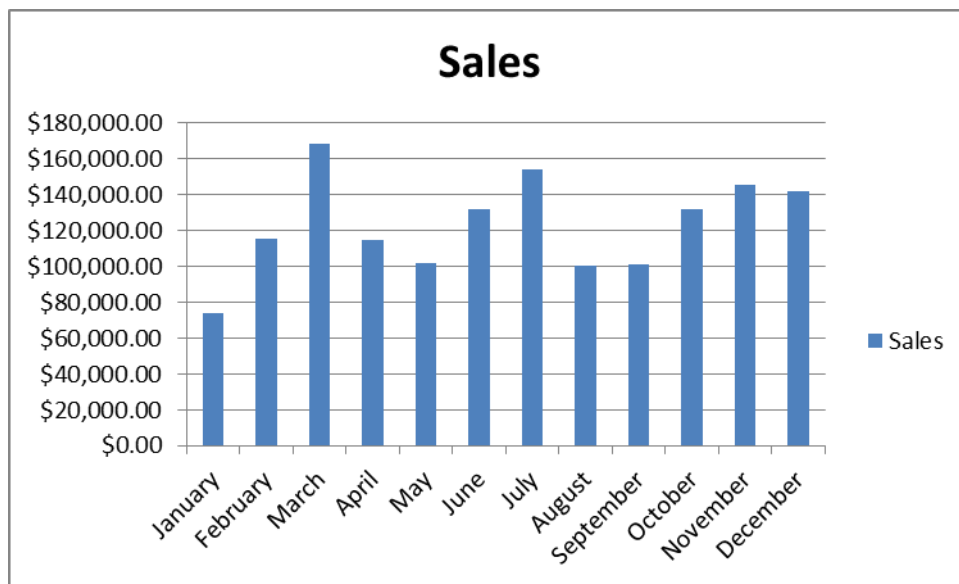
1. Make a Data Table showing the following information:

Species	Length (m)	Lifespan (years)	Speed (kph)
Sperm			
Pilot			
Beluga			
Orca			
Blue			
Humpback			
Bowhead			
Minke			

2. Make a column graph showing the length in meters for each species.
3. Make a bar graph showing the lifespan in years for each species.
4. Make a column graph showing the maximum speed in kilometers per hour for each species.
Compare the toothed and baleen whales.
5. Are the baleen whales always faster than the toothed whales? Y or N
6. Are the toothed whales always longer lived than the baleen whales? Y or N
7. Do the toothed whales always live longer than the baleen whales? Y or N

Sample Station 3

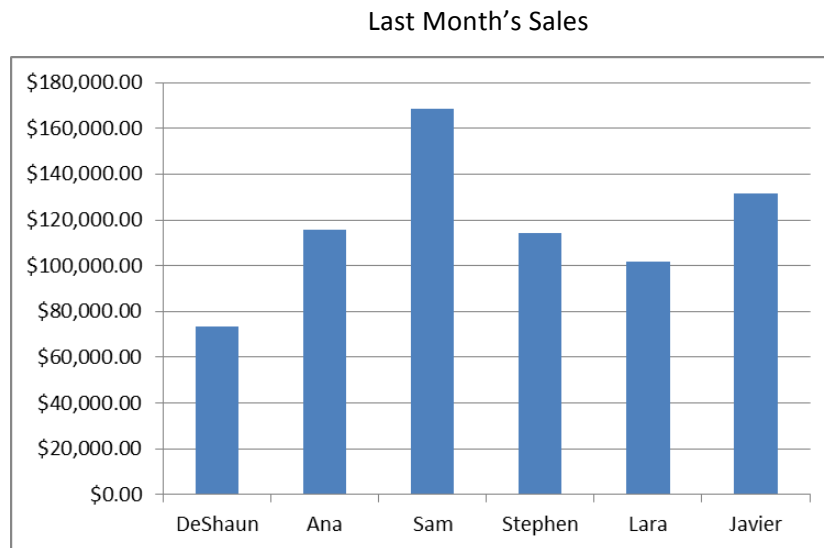
Study this graph:



8. Which month had the highest sales?
9. Which month had the lowest sales?
10. Which month had the second-highest sales?

Sample Station 4

Study this graph:



11. The sales staff has a goal of \$100,000 sales per month. Which, if any, salespersons are not meeting the goal?

7. _____

8. _____

9. _____

10. _____

11. _____, _____, _____, _____, _____, _____

7. _____

8. _____

9. _____

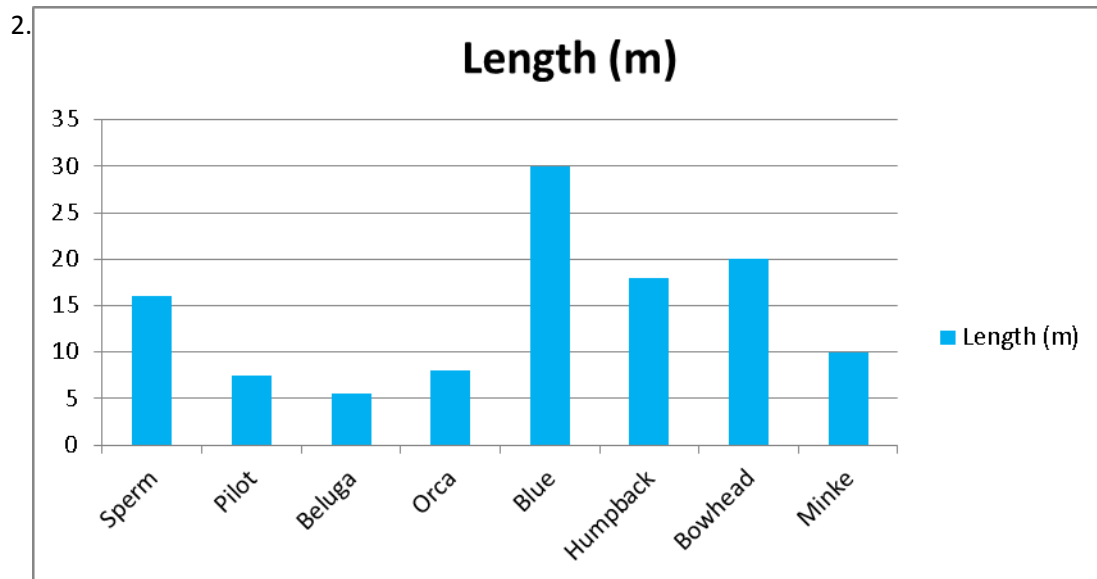
10. _____

12. _____, _____, _____, _____, _____, _____

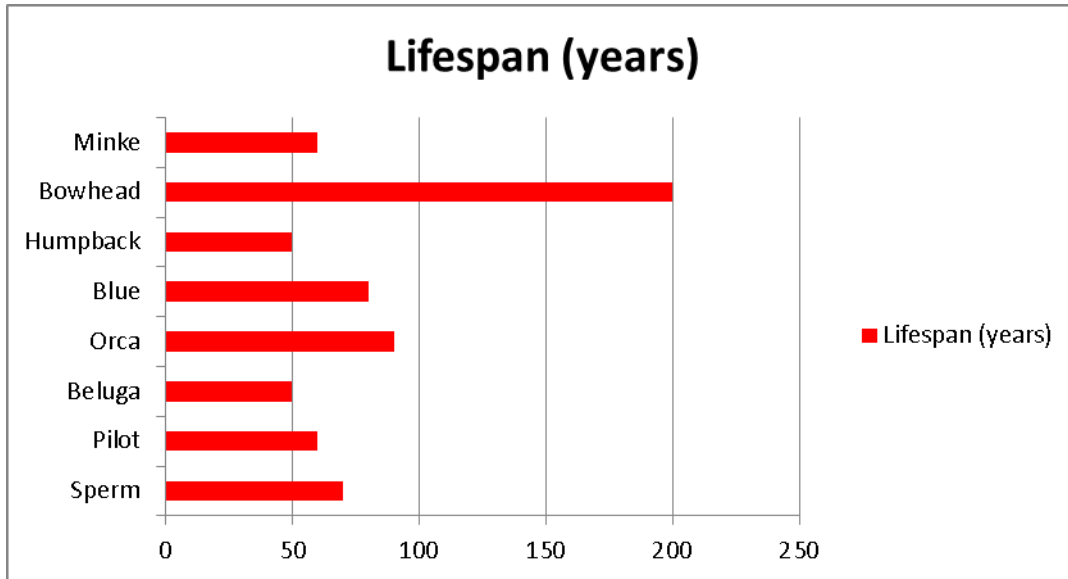
Answer Key

1.

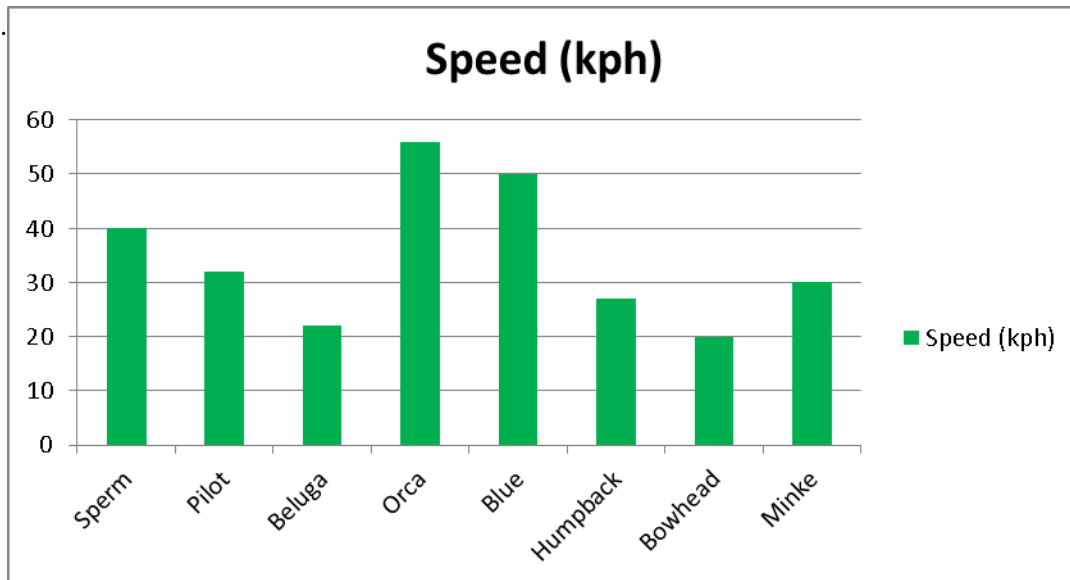
Species	Length (m)	Lifespan (years)	Speed (kph)
Sperm	16	70	40
Pilot	7.5	60	32
Beluga	5.5	50	22
Orca	8	90	56
Blue	30	80	50
Humpback	18	50	27
Bowhead	20	200	20
Minke	10	60	30



3.



4.



5. NO

6. NO

7. NO

8. March

9. January

10. July

13. DeShaun, _____, _____, _____, _____, _____