

Varied Fluency

Step 4: Read and Interpret Tables

National Curriculum Objectives:

Mathematics Year 5: (5S1) [Complete, read and interpret information in tables, including timetables](#)

Differentiation:

Developing Questions to support reading and interpreting data in a table, using whole numbers with up to 6 digits. All questions involve direct data retrieval.

Expected Questions to support reading and interpreting data in a table, using numbers with up to 6 digits and some decimal numbers with one decimal place. Questions involve mostly direct data retrieval with some multi-step interpretation.

Greater Depth Questions to support reading and interpreting data in a table, using numbers with up to 6 digits and some decimal numbers with one decimal place. All questions involve multi-step interpretation, including some conversion of units (metres to kilometres or hours to minutes).

More [Year 5 Statistics](#) resources.

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Read and Interpret Tables

Read and Interpret Tables

1a. True or false?

| Ice Cream Shop | Happy Cones | Slush Kitties | Sundae Funday |
|---------------------------|-------------|---------------|---------------|
| Ice Creams sold in August | 4,289 | 4,297 | 4,223 |

Slush Kitties sold the most ice creams in August.



VF

1b. True or false?

| Shoe Shop | 4 Your Feet | Clod Hoppers | Shoo |
|------------------------|-------------|--------------|--------|
| Shoes sold in one year | 7,856 | 11,096 | 10,123 |

4 Your Feet sold more shoes than Clod Hoppers.



VF

2a. Look at the table below.

| Theme Park | Solarland | Mystic Mountain | Thrillville |
|--------------------|-----------|-----------------|-------------|
| Visitors in August | 14,765 | 25,432 | 57,098 |

How many visitors did Mystic Mountain and Thrillville have altogether?

What is the difference between their number of visitors?



VF

2b. Look at the table below.

| Zoo | XY Zoo | Animal World | Zebra Land |
|------------------|--------|--------------|------------|
| Visitors in June | 23,453 | 18,453 | 9,768 |

How many visitors did XY Zoo and Zebra Land have altogether?

What is the difference between their number of visitors?



VF

3a. Which two hotels have a combined total of 44,376 visitors in one year?

| Hotel | Sea View | Boutique Hotel | Costa D'Verde |
|-----------------|----------|----------------|---------------|
| Yearly Visitors | 22,453 | 23,673 | 21,923 |



VF

3b. Which two hotels have a difference of 7,883 in yearly visitors ?

| Motel | Grand Motel | Royal Plaza VII | Beds 'n' Brekkie |
|-----------------|-------------|-----------------|------------------|
| Yearly Visitors | 15,789 | 23,672 | 8,654 |



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Read and Interpret Tables

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4a. True or false?

| Destination | Tokyo | Cape Town | Hong Kong | Rio de Janeiro |
|---------------------------|-------|-----------|-----------|----------------|
| Distance from London (km) | 9,576 | 9,685.5 | 9,626 | 9,292.2 |

Cape Town is the second furthest destination from London.



VF

4b. True or false?

| Destination | New York | Sydney | Buenos Aires | Milan |
|-------------------------------|----------|--------|--------------|---------|
| Distance from Manchester (km) | 5,372.7 | 17,002 | 11,184 | 1,211.1 |

Milan is further away from Manchester than Buenos Aires.



VF

5a. Look at the table below.

| Concert | Pineapple Metal | The Pointy Ants | Deaf Lizards |
|--------------|-----------------|-----------------|--------------|
| Ticket Sales | 356,201 | 12,986 | 453,189 |

How many more tickets did Deaf Lizards and The Pointy Ants sell compared with Pineapple Metal and The Pointy Ants?



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5b. Look at the table below.

| Sport | Basketball | Football | Cricket |
|--------------|------------|----------|---------|
| Ticket Sales | 15,907 | 341,765 | 200,132 |

How many more tickets were sold for football and basketball compared with cricket and basketball?



VF

6a. Which two arenas have combined ticket sales of 697,542?

| Deaf Lizards Tour | MEN Arena | First Direct Arena | O ₂ Arena | NEC Arena |
|-------------------|-----------|--------------------|----------------------|-----------|
| Ticket Sales | 351,098 | 356,201 | 341,341 | 349,001 |



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6b. Which two arenas have a difference in sales of 156,197?

| Purely Red Tour | Metro Arena | Bolton Arena | Cardiff Arena | Emirates Arena |
|-----------------|-------------|--------------|---------------|----------------|
| Ticket Sales | 132,487 | 256,076 | 376,211 | 99,879 |



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Read and Interpret Tables

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7a. True or false?

| Song | Only Me | Hotel Illinois | Stand by You | Angel Woman |
|----------------------------|---------|----------------|--------------|-------------|
| Minutes played over a week | 1,530 | 1,890 | 1,470 | 2,460 |

Only Me played for 1 hour longer than Stand By You.



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7b. True or false?

| Song | Hey Jed | Day Fever | Mon Cherie | Plum Drizzle |
|--------------------------|---------|-----------|------------|--------------|
| Hours played over a week | 53.5 | 71 | 17.5 | 51 |

Plum Drizzle was played for 150 minutes less than Hey Jed.



VF

8a. Look at the table below.

| Video | Crazy Cats | Wild Weather | Biggest Burgers | Skating Tricks |
|--------------|------------|--------------|-----------------|----------------|
| MeTube Views | 120,821 | 634,356 | 876,357 | 324,543 |

How many more views did Crazy Cats and Biggest Burgers receive compared with Wild Weather and Skating Tricks?



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8b. Look at the table below.

| Page | Mad for Dogs | Jim the Spider | Shark Attacks | iBoy |
|--------------|--------------|----------------|---------------|---------|
| MeTube Views | 431,678 | 789,213 | 123,128 | 567,231 |

How many fewer followers did Jim the Spider and Shark Attacks receive compared with Mad for Dogs and iBoy?



VF

9a. How far in kilometres did Cloud Stream and Metro Air travel in total?

| Plane | Metro Air | Flight Bus | Sky Jet | Cloud Stream |
|------------------------|-----------|------------|---------|--------------|
| Distance travelled (m) | 52,000 | 148,000 | 345,000 | 62,500 |



VF

9b. How far in metres did the Cheetah and Kanga travel?

| Car | Cheetah | Tornado | Two Track | Kanga |
|-------------------------|---------|---------|-----------|-------|
| Distance travelled (km) | 45 | 109 | 37 | 82.5 |



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Developing

- 1a. **True**
- 2a. **Total: 82,530, Difference: 31,666**
- 3a. **Sea View and Costa D'Verde**

Expected

- 4a. **False, Cape Town is the furthest.**
- 5a. **Deaf Lizards and The Pointy Ants sold 96,988 more tickets.**
- 6a. **First Direct Arena and O₂ Arena**

Greater Depth

- 7a. **True**
- 8a. **38,279 views**
- 9a. **114.5 km**

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Read and Interpret Tables

Developing

- 1b. **False, it sold fewer.**
- 2b. **Total: 33,221, Difference: 13,685**
- 3b. **Royal Plaza VII and Grand Motel**

Expected

- 4b. **False, it is closer.**
- 5b. **Football and basketball sold 141,633 more tickets.**
- 6b. **Bolton Arena and Emirates Arena**

Greater Depth

- 7b. **True**
- 8b. **86,568 followers**
- 9b. **127,500 metres**