Mathematics Mock Exam

Tag: 99879823

1 ARITHMETIC

1. What is the result of $56 + 29$?

2. Calculate the difference between 500 and 168.

3. Multiply 17 by 4.

4. Divide 81 by 9.

5. What is 4 to the power of 2?

2 NUMBER AND PLACE VALUE

1. Write the number 8972 in words.

2. What is the value of the digit 7 in the number 478?

3. Write $8000 + 900 + 70 + 5$ in standard form.

4. Round the number 8975 to the nearest thousand.

5. What is the Roman numeral for 100?

3 FRACTIONS

1. Simplify the fraction $\frac{24}{48}$.

2. Add the fractions $\frac{1}{2}$ and $\frac{3}{4}$.

3. Subtract $\frac{3}{5}$ from $\frac{4}{5}$.

4. Multiply $\frac{3}{4}$ by $\frac{2}{3}$.

5. Divide $\frac{3}{5}$ by $\frac{2}{3}$.

4 DECIMALS

1. Write 0.625 as a fraction.

2. Add 3.2 and 5.78.

3. Subtract 1.2 from 4.78.

4. Multiply 2.3 by 3.6.
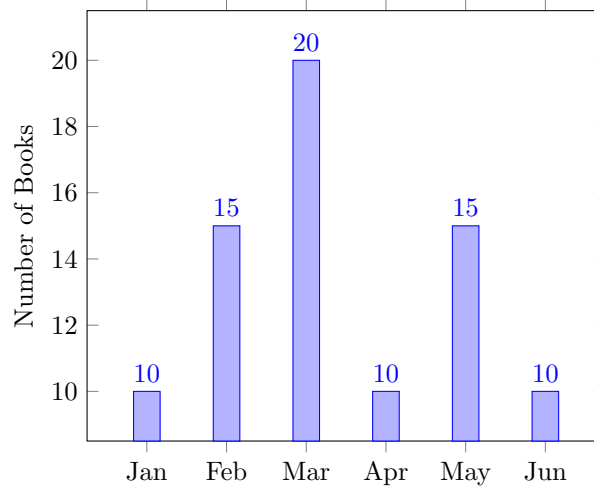
5. Divide 3.6 by 0.6.

5 PERCENTAGES

1. Write 55% as a fraction.

2. What is 40% of 250?

3. Increase 500 by 20%.

4. Decrease 120 by 30%.

5. What percentage of 60 is 15?
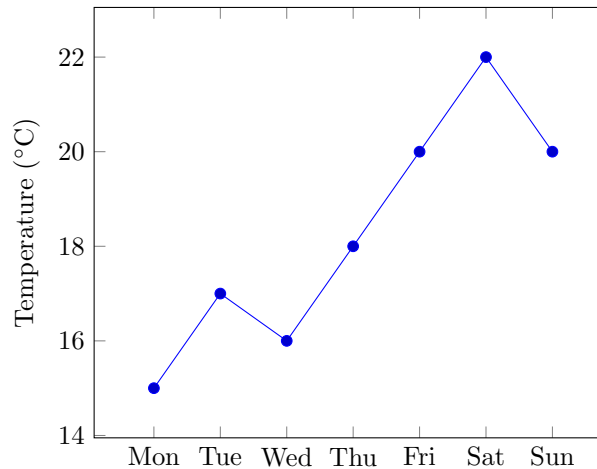
6 MEASUREMENT AND GEOMETRY

1. Calculate the area of a rectangle with length 8 cm and width 4 cm.

2. What is the perimeter of a square with side length 5 cm?

3. Calculate the volume of a cube with edge length 4 cm.

4. What is the total surface area of a cuboid with dimensions 3 cm, 4 cm and 5 cm?

5. What is the circumference of a circle with a radius of 4 cm? (Use $\pi \approx 3.14$)

7 GRAPHS AND BAR CHARTS

1. The bar chart below shows the number of books read by a group of students in different months.

    (a) Which month did the students read the most books?
    (b) How many books were read in February?
    (c) How many more books were read in March compared to June?

2. The line graph below shows the temperature in a city over a week.

    (a) On which day was the temperature the highest?
    (b) What was the temperature on Wednesday?
    (c) Did the temperature rise or fall from Tuesday to Wednesday?