

Year 5 Mathematics Mock Exam

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Instructions

This exam consists of seven sections. You have 60 minutes to complete the exam. Do not use a calculator.

1 Arithmetic

1. If $a = 2$, $b = 3$, and $c = 4$, evaluate: $2a + 3b - 4c$.
2. Simplify: $7(3x + 4) - 2(5x - 3)$.
3. What is the product of 7 and 9?

2 Number and Place Value

1. Write the number 5,678 in words.
2. What is the value of the '5' in 125,463?
3. Write 'four hundred and twenty three thousand and thirty two' in figures.

3 Fractions

1. Simplify $\frac{14}{28}$.
2. What is $\frac{1}{2}$ of $\frac{2}{3}$?
3. Subtract $\frac{2}{5}$ from $\frac{3}{4}$.

4 Decimals

1. Write the decimal 0.625 as a fraction.
2. Round 7.86 to the nearest whole number.
3. Add 1.2 and 3.56.

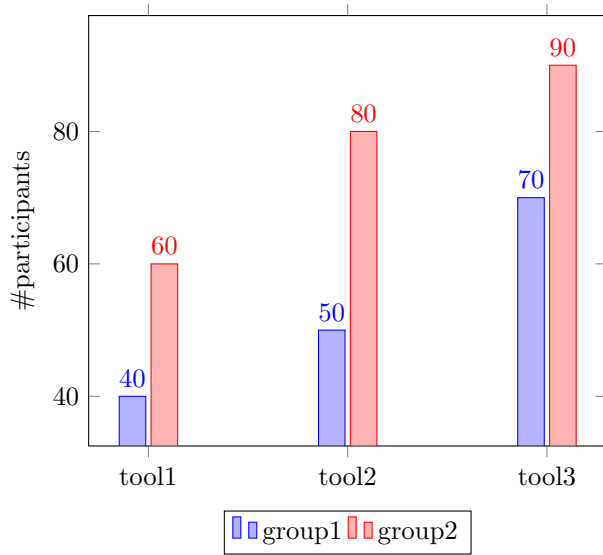
5 Percentages

1. What is 20% of 50?
2. Convert 45% to a decimal.
3. Express $\frac{1}{5}$ as a percentage.

6 Measurement and Geometry

1. If the radius of a circle is 5 cm, calculate the area. (Use $\pi = 3.14159$)
2. Find the perimeter of a rectangle with length 6 cm and width 4 cm.
3. A triangle has a base of 8 cm and a height of 5 cm. What is its area?

7 Graphs and Bar Charts



1. How many participants used tool1 in group1?
2. Which tool was used by the most participants in group2?
3. How many more participants used tool3 than tool2 in group1?